AI IMPACT REPORT NO. 299 · REVISED 5 OCTOBER 2026 · 250 ROLES COVERED

Venture Capital Analysts

AI fundamentally restructuring deal sourcing, due diligence, and portfolio management for analysts.

EXPOSURE	WINDOW	ADOPTION TODAY	READING
68	2–5 yrs	High	Substantial automation of routine work.
High exposure	until change lands		Exposure is the share of today's work AI can plausibly take on within the window.

§ 01 WHAT IS HAPPENING

What is happening to venture capital analysts

Impact

AI tools are autonomously identifying investment targets, analyzing market trends, building complex valuation models, and streamlining administrative tasks. This compels Venture Capital Analysts to radically pivot towards high-level strategic problem framing, nuanced qualitative judgment, ethical oversight of AI, and fostering irreplaceable human relationships in deal execution.

Risk

Radical role overhaul; pervasive automation leading to significant workflow redefinition and specialized human focus.

The Venture Capital Analyst role is undergoing a profound and accelerating redefinition by AI. AI will assume command of vast routine data collection, initial market analysis, and much of the administrative burden. Venture Capital Analysts must immediately pivot to becoming experts in leveraging AI for hyper-efficiency and enhanced strategic insights, intensely validating AI outputs for accuracy and fairness, and dedicating their expertise to the irreplaceable human elements of the role: profound qualitative judgment, nuanced understanding of market dynamics, and critical ethical decision-making regarding investment strategies and portfolio value creation.

Sector readiness

Rapid & Transformative Integration

The venture capital and startup ecosystem is aggressively integrating AI, driven by overwhelming demand for efficiency, speed in deal sourcing, and advanced analytical capabilities in a highly competitive market. AI is rapidly moving beyond pilot stages to widespread adoption for deal origination, due diligence, and portfolio support, fundamentally altering traditional workflows and competitive dynamics.

§ 02 POSITION

Where you stand

i The Venture Capital Analyst role is undergoing a profound and accelerating redefinition by AI, fundamentally restructuring deal sourcing, due diligence, and portfolio management.

ii AI will autonomously manage vast data, optimize valuations, and streamline documentation, compelling Analysts to pivot to indispensable qualitative judgment and profound founder relationships.

iii Survival and impact will hinge on Venture Capital Analysts mastering AI tools, critically validating AI outputs for accuracy and ethics, championing ethical AI, and providing irreplaceable human judgment and advocacy at the heart of high-growth investing.

§ 03 ACTIONS 15 POINTS

What this means for you

Concrete changes to how the work gets done, in the order you are likely to meet them.

01 **AI-Driven Autonomous Deal Sourcing & Identification.** Venture Capital Analysts will oversee AI systems that autonomously scan vast global databases (e.g., Crunchbase, PitchBook, tech news, academic papers, social media, startup registries) to identify optimal investment targets based on specific criteria (e.g., tech stack, team, traction, market fit). This radically frees analysts from manual sourcing.

02 **AI-Powered Valuation & Financial Modeling (Early Stage).** AI tools will autonomously build initial valuation models (e.g., comparable analysis, future revenue projections), assess early-stage financial health, and perform sensitivity analysis based on limited data and market assumptions. Venture Capital Analysts will rigorously review and refine these AI outputs, focusing on qualitative adjustments and nuanced assumptions for nascent companies.

03 **Predictive Analytics for Startup Success & Risk.** Venture Capital Analysts will leverage AI models that autonomously analyze startup data (e.g., funding rounds, team composition, market traction, sentiment) to predict the likelihood of future funding, exit events, or failure. This informs highly precise investment decisions in high-risk environments.

04 **Automated Due Diligence Data Extraction.** AI tools will autonomously process vast amounts of unstructured data (e.g., pitch decks, legal documents, emails, news, competitor analyses) from target companies during due diligence. The AI will identify key risks, intellectual property insights, and opportunities with unprecedented speed and precision, for analyst review.

05 **Generative AI for Investment Memos & Presentations.** AI can autonomously draft initial versions of investment memos, internal committee presentations, and industry landscape reports. This streamlines content creation, ensuring consistency and allowing Venture Capital Analysts to focus on strategic narratives and qualitative insights.

06 **Focus on Nuanced Qualitative Judgment & Founder Relationship.** As AI assumes command of quantitative tasks, the paramount value of Venture Capital Analysts will be their irreplaceable human ability to interpret qualitative factors (e.g., founder vision, team chemistry, market timing, product-market fit), conduct founder interviews, and build strong relationships.

07 **AI-Driven Portfolio Monitoring & Value Creation.** Venture Capital Analysts will utilize AI systems that continuously monitor portfolio company performance against KPIs, market benchmarks, and growth strategies. AI will identify operational inefficiencies, predict growth opportunities, and flag deviations for proactive support, driving value creation.

08 **Ethical AI in Investment Decisions & Bias Mitigation.** Venture Capital Analysts will bear profound responsibility for auditing AI systems for algorithmic bias (e.g., in target identification, founder assessment, valuation models) to ensure fair investment practices and promote diversity in the startup ecosystem.

09 **Human-AI Teaming for Deal Execution.** Venture Capital Analysts will operate in seamless human-AI teams. AI will process vast data, generate insights, and automate routine tasks (e.g., data room management), while the human analyst leads complex qualitative analysis, manages relationships, and resolves unforeseen issues during deal execution.

10 **AI for Industry & Thematic Deep Dives.** AI tools will autonomously scan vast amounts of industry research, academic papers, and market commentary to identify emerging technological trends, disruptive sectors, and investment themes. Venture Capital Analysts will leverage these insights for strategic investment thesis development.

11 **Continuous Learning & Deep Tech Literacy.** The exponential pace of AI integration in venture capital and across deep tech domains demands that Venture Capital Analysts commit to continuous, aggressive learning of new AI-powered tools, cutting-edge technologies, and their profound capabilities and ethical implications, as a foundational competency for effective investment.

12 **Specialization in AI-Driven VC Operations.** The field will see a rise in Venture Capital Analysts specializing in designing, implementing, and managing AI-powered solutions for specific VC challenges, such as leveraging AI for proprietary deal sourcing or advanced portfolio optimization.

13 **AI-Powered Exit Strategy Optimization (Early Stage).** AI can autonomously analyze market conditions, industry trends, and portfolio company performance to suggest optimal exit strategies (e.g., IPO, acquisition by a corporate) and timing for portfolio companies, maximizing returns for investors.

14 **Leadership in Data-Driven Investment Strategy.** Venture Capital Analysts in leadership roles will play a crucial role in guiding their firms through the pervasive adoption of AI, advocating for strategic AI solutions, and fundamentally reshaping the future of early-stage investing.

15 **Strategic Client (LP) Communication & Portfolio Storytelling.** As AI streamlines analysis, the human skill of Venture Capital Analysts in crafting compelling narratives for Limited Partners (LPs) regarding fund performance, investment strategy, and value creation becomes paramount, emphasizing vision and trust in high-growth companies.

§ 04 CAUSES 10 DRIVERS

What is pushing this change

01 **Explosive Growth of Startup & Market Data.** Vast amounts of data from startup databases, public filings, tech news, and social media provide rich input for AI models.

02 **Advancements in AI/ML (NLP, Predictive Analytics, Generative AI).** Breakthroughs in AI fields enable sophisticated text understanding, autonomous content generation, and intelligent predictions for early-stage companies.

03 **Urgent Demand for Speed & Efficiency in Deal Sourcing.** The highly competitive nature of VC deals demands faster sourcing, due diligence, and execution to secure opportunities.

04 **Complexity of Early-Stage Company Assessment.** Assessing nascent companies with limited financial data and high uncertainty is challenging; AI assists in pattern recognition.

05 **Need for Proactive Risk Management & Opportunity Identification.** AI can identify hidden risks, potential market disruptions, and flag promising growth signals in vast datasets.

06 **Intense Competition in Venture Capital.** AI automates repetitive tasks, allowing analysts to focus on high-value founder interaction and strategic diligence.

07 **Limited Partner (LP) Expectations for High Returns.** LPs demand superior returns in a high-risk asset class; AI can help optimize deal flow and portfolio performance.

08 **Growth of Online Funding Platforms & Ecosystems.** Online platforms facilitate company formation and funding, providing data for AI sourcing and analysis.

09 **Shortage of Skilled VC Professionals.** The demand for VC professionals who can bridge advanced analytics with qualitative judgment often outstrips supply; AI can augment.

10 **Ethical Scrutiny of AI & Investment Practices.** Growing concerns about algorithmic bias, fairness, and transparency in AI models used for investment decisions.

§ 05 VARIATION 5 SECTORS

Impact by sector

The headline figure is an average. Where you work changes the picture.

Deal Sourcing Analysts (VC)	AI for autonomous identification of promising startups, market scanning, and lead generation based on unique criteria. Focus on sourcing quality and efficiency.
Due Diligence Analysts (VC)	AI for autonomous data extraction from pitch decks, legal docs, and risk flagging. Focus on deep dive analysis of team, tech, and market.
Portfolio Support Analysts (VC)	AI for monitoring portfolio company health, identifying operational inefficiencies, and suggesting growth levers. Focus on value creation and scaling.
Fundraising Analysts (VC)	AI for identifying potential Limited Partners (LPs), optimizing outreach, and preparing fund marketing materials. Focus on investor relations and capital raising.
Market Research Analysts (VC)	AI for autonomous analysis of emerging technologies, industry trends, and competitive landscapes. Focus on strategic investment thesis development.

§ 06 PREPARATION 8 SKILLS

Skills to build

The skills that keep the human part of this work valuable as the routine part is automated.

01 **Startup Assessment & Qualitative Judgment.** The irreplaceable human ability to assess founder vision, team dynamics, market timing, and product-market fit in early-stage companies.

02 **AI/FinTech Literacy & Alternative Data Analysis.** Proficiency in using AI-powered deal sourcing tools, data room analysis platforms, and interpreting insights from traditional and alternative datasets for startups.

03 **Founder Relationship Building & Coaching.** The profound ability to build deep, trust-based relationships with founders, provide strategic guidance, and navigate the challenges of rapid growth.

04 **Ethical AI & Investment Governance.** Upholding the highest ethical standards, ensuring client data privacy, and rigorously auditing AI outputs for fairness and compliance in investment decisions.

05 **Problem-Solving & Complex Deal Structuring.** Ability to diagnose complex startup challenges, find innovative solutions to scaling issues, and structure creative investment terms.

06 **Communication & LP Reporting.** Clearly articulating investment theses, portfolio performance, and value creation strategies to Limited Partners (LPs) and internal committees, emphasizing growth potential.

07 **Industry Expertise & Disruptive Innovation.** Deep knowledge of specific technology sectors (e.g., AI, biotech, fintech) and their unique challenges, trends, and potential for disruption.

08 **Adaptability & Ecosystem Navigation.** Willingness to rapidly learn new AI technologies, adapt investment methodologies, and stay updated on evolving startup ecosystems and funding landscapes.

§ 07 INSTRUMENTS 12 ENTRIES

Tools in use

KINDS OF TOOL WORTH KNOWING

01 **AI-Powered Deal Sourcing Platforms (VC Specific).** Software that uses AI to autonomously scan vast databases of startups, incubators, and tech news to identify optimal investment targets based on specific criteria.

02 **AI for Due Diligence & Data Room Analysis.** AI tools that autonomously process vast amounts of unstructured data from virtual data rooms (e.g., pitch decks, legal docs, emails) for due diligence.

03 **AI for Portfolio Monitoring & Value Creation.** AI platforms that continuously monitor portfolio company performance against KPIs, market benchmarks, and growth strategies, identifying value creation opportunities.

04 **Predictive Analytics for Startup Success.** AI models that autonomously analyze startup data (e.g., team, traction, tech stack, funding history) to predict likelihood of future funding, exit, or failure.

05 **Generative AI for Investment Memos & LP Reports.** Large Language Models (LLMs) used to autonomously draft initial versions of investment memos, internal committee presentations, and Limited Partner (LP) reports for VC firms.

06 **AI for Market & Trend Scouting.** AI tools that autonomously scan and synthesize vast amounts of industry research, academic papers, and tech news to identify emerging technological trends and investment themes.

NAMED TOOLS ALREADY IN USE

NFX (Signal) / DocSend (for pitch decks) VISIT
Leading AI-powered deal sourcing platforms specifically for venture capital, identifying promising startups.

Datasite (Due Diligence Platform with AI) / LegalTech AI (e.g., LexisNexis Context) VISIT
Platforms for managing virtual data rooms and performing due diligence, integrating AI for document analysis and risk flagging.

Visible.vc (Portfolio Platform) / Affinity (Relationship Intelligence) VISIT
Portfolio monitoring software for venture capital, increasingly integrating AI for performance analysis and value creation insights.

Proprietary AI models (developed by VC firms) VISIT

AI/ML models developed by VC firms for internal use to predict startup success rates and optimize investment strategies.

ChatGPT / Claude / Google Gemini (for drafting) VISIT

Generative AI models that can autonomously draft various investment documents, from internal memos to LP reports.

CB Insights (AI for market intelligence) / TechCrunch (news with AI analysis) VISIT

AI-driven platforms that provide access to market intelligence and synthesize tech news for trend spotting.

§ 08 EXAMPLES 5 EXAMPLES

In practice

Ways people in this role are already using AI, and what they get from it.

Automate Deal Sourcing

EXAMPLE 1

HOW

Venture Capital Analysts will oversee an AI system that autonomously scans vast public and private company databases, industry news, and academic research. The AI identifies promising startups that fit the firm's investment thesis (e.g., specific tech, team profile, market traction).

GAIN

Significantly reduces manual sourcing effort, identifies optimal investment targets faster, and improves deal origination efficiency in a competitive market.

Generate Investment Memos

EXAMPLE 2

HOW

Venture Capital Analysts will instruct a generative AI tool to draft an initial investment memo for a potential seed-stage company. By providing key founder details, traction metrics, and market opportunity, the AI will autonomously generate a structured memo for the analyst's refinement.

GAIN

Accelerates the creation of crucial investment documents, ensures consistency, and allows analysts to focus on strategic content and qualitative founder insights.

Predict Startup Success

EXAMPLE 3

HOW

Venture Capital Analysts will leverage an AI model that autonomously analyzes startup data (e.g., team's past success, funding rounds, market size, product reviews). The AI predicts the likelihood of the startup reaching its next funding round or achieving a successful exit (IPO/acquisition) with high accuracy.

GAIN

Provides highly accurate and proactive insights into startup potential, enabling earlier investment in promising companies and better risk management.

Streamline Due Diligence EXAMPLE 4	HOW	Venture Capital Analysts will utilize an AI platform that autonomously sifts through thousands of documents in a virtual data room (e.g., pitch decks, legal contracts, cap tables). The AI will identify key risks, intellectual property strengths, and financial red flags for analysis.
	GAIN	Dramatically reduces manual due diligence time, uncovers hidden risks, and provides a more comprehensive overview of target companies.
Identify Emerging Tech Trends EXAMPLE 5	HOW	Venture Capital Analysts will use an AI tool that autonomously scans vast academic papers, patent filings, tech news, and startup funding announcements. The AI identifies and synthesizes information on emerging technological trends and disruptive innovations (e.g., new AI architectures, biotech breakthroughs) for strategic investment.
	GAIN	Provides unparalleled insights into future technological landscapes, enables proactive investment in disruptive areas, and creates significant competitive advantage for the fund.

§ 09 CONTEXT

How this role compares

Three neighbouring roles chosen to show the direction of travel.

Junior Analysts (Routine research, data collection) / Associates (Pitch deck review) MORE EXPOSED	AI IMPACT	Catastrophic (AI can autonomously conduct vast startup research; AI can review pitch decks and extract key data.)
	WORK MOVES TO	Immediate need for radical re-skilling into AI oversight, complex model validation, or specialization in founder relationships.
AI Startup Founders / AI VC Fund Managers DIFFERENT SKILLS, GROWING	AI IMPACT	Foundational (They build the AI-driven companies that VCs invest in, or lead VC funds using AI for investment strategy.)
	WORK MOVES TO	Deep expertise in AI/ML, entrepreneurial leadership, and leveraging AI for competitive advantage in the startup ecosystem.
Limited Partners (LPs - Fund Investors) / Corporate VCs (Strategic investment) COMPLEMENTARY, LESS EXPOSED	AI IMPACT	Low-Moderate Augmentation (AI assists in fund reporting for LPs; AI helps with market analysis for CVCs), but core fund allocation, strategic alignment, and complex relationship management remain paramount.
	WORK MOVES TO	Strategic capital allocation, fund selection, and long-term investor relationship management (LPs); Corporate strategy alignment, ecosystem building, and complex partnership management (Corporate VCs).

§ 10 VERDICT

Closing judgement

> For Venture Capital Analysts, AI is not merely a tool but a radical force of transformation that will fundamentally redefine early-stage investing. It will autonomously handle the mundane, amplify strategic insights, and streamline complex processes, compelling analysts to pivot to indispensable qualitative judgment, profound relationships, and ethical oversight. The future Venture Capital Analyst will be a visionary orchestrator of human-AI collaboration, providing irreplaceable judgment and advocacy at the heart of high-growth investment.

§ 11 BASIS REVISED 5 OCTOBER 2026

Evidence and revisions

What the exposure figure rests on, what changed when it was last revised, and the published work cited for this role.

SCORE

65 to 68

WINDOW

2-5 years (unchanged)

The 5 October 2026 review moved the score up by 3 points.

Exposure Index v2. Inputs: task applicability 56/100 (Microsoft AI applicability score 0.28 for Financial and investment analysts); observed usage 76/100 (Anthropic observed exposure 0.57); official exposure tier 100/100 (BLS: very high); labour-market trajectory 32/100 (BLS projects employment to grow 7.2% over 2025–35); published adoption rating 70/100 (high adoption). Weighted base 68.4. Final score 68. The previous figure of 65 was raised by 3 points, a small change that comes from moving off scores rounded to the nearest five. The change window is unchanged.

HOW THE FIGURE IS BUILT (EXPOSURE INDEX V2)

Task applicability — Microsoft Research, AI applicability score	56 × 35%	19.5
Observed usage — Anthropic Economic Index, observed exposure	76 × 20%	15.2
Official exposure tier — US BLS AI-exposure category	100 × 20%	20.0
Labour-market trajectory — US BLS projected employment change 2025–35	32 × 10%	3.2
Published adoption rating — This report's adoption level	70 × 15%	10.5
Weighted base		68.4
Exposure score		68

MEASURES BEHIND THE SCORE

US Bureau of Labor Statistics · *Employment Projections 2025–35 and AI Exposure Categories* (27 August 2026)

AI-exposure tier: Very high. Projected employment change 2025–35: +7.2%. Matched to Financial and investment analysts.

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Microsoft Research · *Working with AI: Measuring the Applicability of Generative AI to Occupations* (10 July 2025)

AI applicability score 0.28 (percentile 85 of 785 occupations) for SOC 13-2051.

PUBLISHER PDF ARCHIVED COPY

Anthropic · *Anthropic Economic Index report: Cadences* (26 June 2026)

Observed exposure 0.57 for SOC 13-2051 (percentile 99 of 756 occupations).

PUBLISHER PDF

World Economic Forum · *The Future of Jobs Report 2025* (7 January 2025)

Accountants and auditors appear on the WEF fastest-declining list for 2030, while fintech engineers and big-data specialists lead the growing list; finance roles that pivot toward data and judgement fare best.

PUBLISHER PDF

UK Department for Science, Innovation and Technology · *Assessment of AI capabilities and the impact on the UK labour market* (28 January 2026)

UK context: around 70% of UK workers are in occupations with tasks AI could perform or enhance, above the US average; a one-standard-deviation rise in exposure was associated with a 3.9% fall in UK job postings.

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ALSO CITED FOR THIS ROLE

PwC · *2026 Global AI Jobs Barometer* (May 2026)

PwC finds the most exposed roles adding judgement- and empathy-heavy tasks 2.5 times faster than the least exposed, and a 62% wage premium for AI skills: exposure in finance is raising the value of advisory work.

PUBLISHER PDF

Archived copies are served only where the licence permits; otherwise the link goes to the publisher. Full research library: https://www.careerguard.ai/sources

§ 12 APPENDIX

Method and sources

Each report was written from a large body of published research. The exposure score itself is computed, not written: it is the CareerGuard Exposure Index, a weighted average of occupation-level measures from the US Bureau of Labor Statistics (AI-exposure classification and 2025–35 projections), Microsoft Research (AI applicability scores) and Anthropic (observed exposure), together with the adoption rating published on the report. The organisations and publications below are the standing literature behind the narrative sections. Every source, with dates, licences and archived copies where we are permitted to hold them, is catalogued in the research library.

Exposure Index v2 (October 2026). Each input is scaled to 0–100 and weighted: task applicability 35% (Microsoft AI applicability score ÷ 0.5), observed usage 20% (Anthropic observed exposure ÷ 0.75), official exposure tier

20% (BLS very high = 100, high = 70, moderate = 40, low = 10), labour-market trajectory 10% (50 2.5 × projected % employment change), published adoption rating 15% (very high = 85, high = 70, medium-high = 55, medium = 40, low-medium = 25, low = 10). Inputs not measured for an occupation are dropped and the remaining weights renormalised. An editorial adjustment of at most ±12 points is allowed only for automation channels the measures cannot see (robotics, self-service, machine vision, medical imaging, RPA/OCR, generative video) and is always logged with its reason. Scores are whole numbers, not rounded to five. The change window shifts one notch (a year at each end) per ten points of movement.

I GLOBAL AND MACROECONOMIC IMPACT OF AI ON WORK

World Economic Forum

The Future of Jobs Report series — Employer survey of expected job growth and decline, skill shifts and technology adoption (2020, 2023 and 2025 editions); Artificial Intelligence and the Future of Entry-Level Work (2026).
AI governance and transformation reports — Frameworks on ethical AI, talent strategy and industry transformation.

McKinsey Global Institute

AI, Automation and the Future of Work series — Research quantifying automation potential by task, sector and demographic, from "Jobs Lost, Jobs Gained" to "Agents, robots, and us" (2025).
Industry-specific reports — Financial services, healthcare, manufacturing and others.

PwC

Global AI Jobs Barometer — Annual analysis of job postings and productivity by AI exposure (2024–2026 editions).
Upskilling Hopes and Fears survey — Employee perceptions and readiness.

Microsoft Research and Anthropic

Working with AI (2025); Anthropic Economic Index (2025–2026) — Occupation-level usage data from Copilot and Claude conversations, the two observed-usage measures behind the 2026 revision.

Stanford Digital Economy Lab and Stanford HAI

Canaries in the Coal Mine? (2025–2026); AI Index Report (annual) — Payroll evidence on early-career employment in exposed occupations; annual measurement of AI capability, investment and adoption.

Deloitte

Human Capital Trends series — Workforce, talent and HR technology trends.
Tech Trends series — Emerging technologies and their business implications.

Accenture

Technology Vision series — Forward-looking analysis of emerging technology, with emphasis on AI.
Fjord Trends — Design, innovation and human experience in a digital world.

Boston Consulting Group

AI/ML insights and industry solutions — "The AI Revolution in the Workplace" and related research.

EY

AI and workforce reports — Adoption, talent strategy and ethics.

IBM Institute for Business Value

AI and automation studies — Business models, workforce evolution and leadership.

OECD

AI Policy Observatory — International data and policy on AI, labour markets and skills.
Employment Outlook — Labour-market trends including technological impact (2023–2026 editions).

International Labour Organization

Generative AI and Jobs: A Refined Global Index of Occupational Exposure (2025) — Task-level exposure gradients for every ISCO occupation; successor to the 2023 global index.

International Monetary Fund

Staff Discussion Notes on AI and work (2024, 2026) — Complementarity framing: where AI augments and where it substitutes.

UK Department for Science, Innovation and Technology
Assessment of AI capabilities and the impact on the UK labour market (2026) — UK occupational exposure and job-posting evidence.

Brookings Institution
AI and automation research — Economic and social implications, displacement and skills.

Yale Budget Lab and Goldman Sachs Research
Tracking the Impact of AI on the Labor Market; AI and the US labour market (2026) — Aggregate labour-market monitoring; macro displacement estimates.

Oxford University (Oxford Martin School)
The Future of Employment — Frey & Osborne and subsequent research on susceptibility to automation.

MIT Technology Review
AI & Work — Reporting on AI research and its implications for industries and jobs.

Gartner
Hype Cycle for Artificial Intelligence — Maturity and adoption of AI technologies.
Future of Work reports — Workplace models and talent strategy.

U.S. Bureau of Labor Statistics
Employment Projections 2025–35; AI Exposure Categories; Occupational Outlook Handbook — Ten-year employment projections and, from the 2025 cycle, an AI-exposure tier for every detailed occupation.

Indeed Hiring Lab
AI at Work Report (2025) and posting-market updates — Skill-level transformation estimates and job-posting trends by occupation.

II CORE AI AND MACHINE-LEARNING RESEARCH

OpenAI
Research papers, blog and API documentation — Large language models, generative AI, safety and societal impact.

Google DeepMind
Research papers and blog — Reinforcement learning, AI for science, AGI and ethics.

Meta AI
Research papers and blog — Large language models, computer vision, AI for social good.

Hugging Face
Transformers library and model hub — Open-source state-of-the-art NLP models.

TensorFlow and PyTorch
Documentation and community forums — Core frameworks illustrating practical capability.

arXiv
cs.AI, cs.LG, cs.CV, cs.CL — Pre-print research.

NeurIPS and ICML
Conference proceedings — Top-tier academic research.

ACM and IEEE
Journals and proceedings — ACM Computing Surveys; IEEE Transactions on AI.

Kaggle
Datasets and competition solutions — Applied machine learning on real-world problems.

The Alan Turing Institute
Research and reports — Responsible and applied AI.

III ETHICAL AND RESPONSIBLE AI DEPLOYMENT

NIST

AI Risk Management Framework — Voluntary framework for managing AI risk.

European Commission

AI Act — Risk-tiered legal framework for AI.

Ethics Guidelines for Trustworthy AI — Principles for responsible development.

Partnership on AI

Research and best practice — Responsible AI development.

AI Now Institute

Annual reports — Social implications: power, inequality, rights.

ACM FAccT

Proceedings — Fairness, accountability and transparency.

Data & Society

Publications — Social implications of data-centric technology.

WIPO

Conversation on IP and AI — Intellectual-property implications of AI.

IEEE Global Initiative on Ethics of A/IS

Ethically Aligned Design — Recommendations for ethical AI design.

Center for AI and Digital Policy

Policy briefs — Accountable AI policy.