

# AI and the Future of the Workplace

Dr. Eunice Kim (Classics)

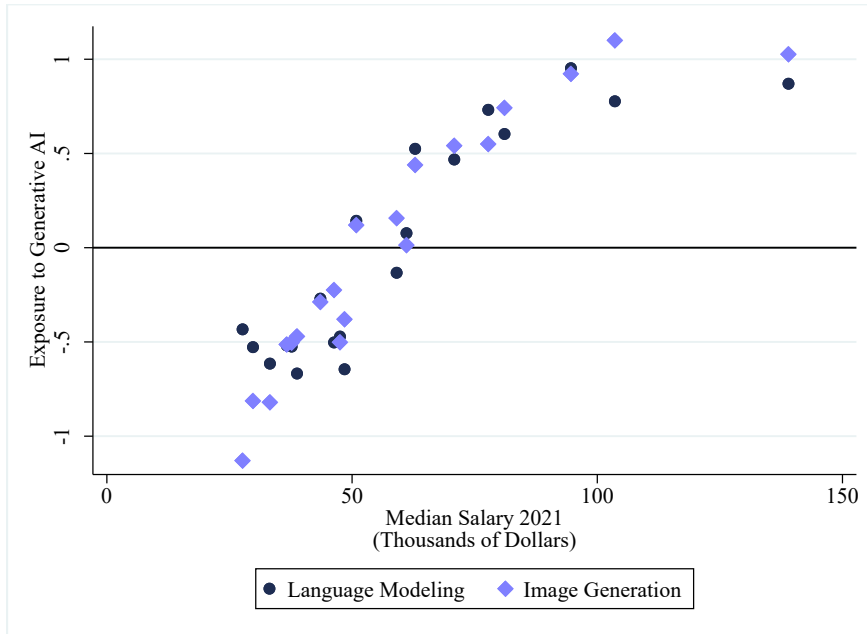
Dr. Fahad Sultan (Computer Science)

Dr. Jessica Hennessey (Economics)

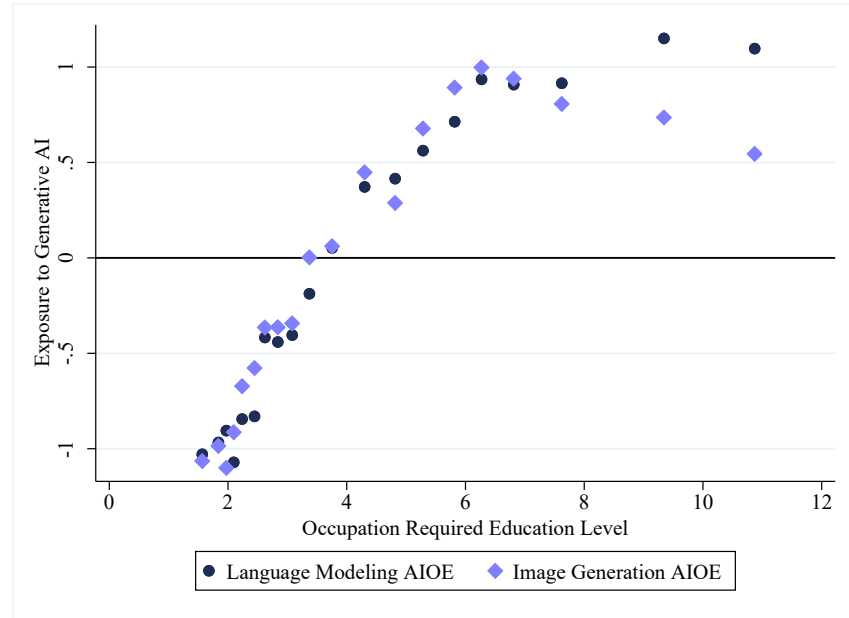
April 23, 2025



Panel A. Exposure to Generative AI and Median Salary.



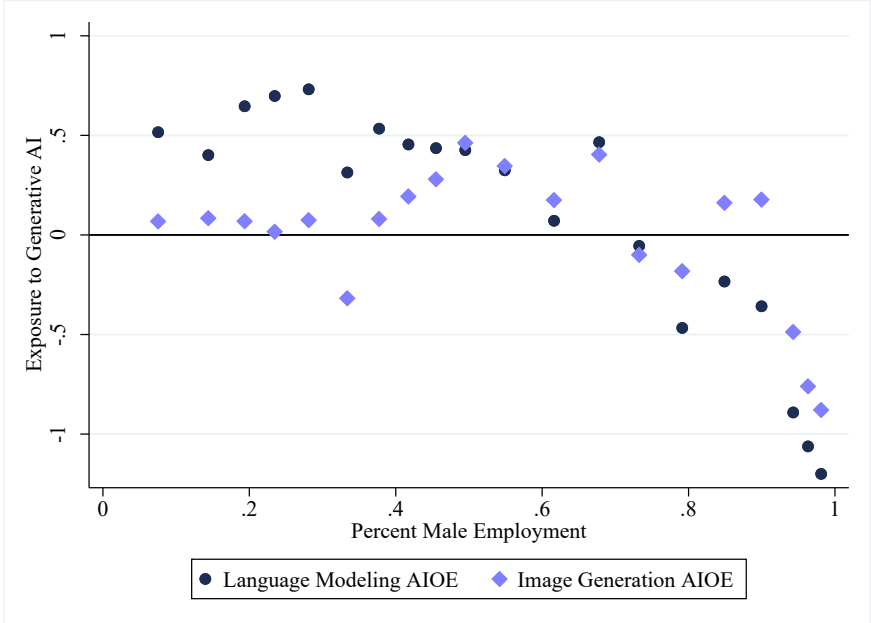
Panel B. Exposure to Generative AI and Required Level of Education.



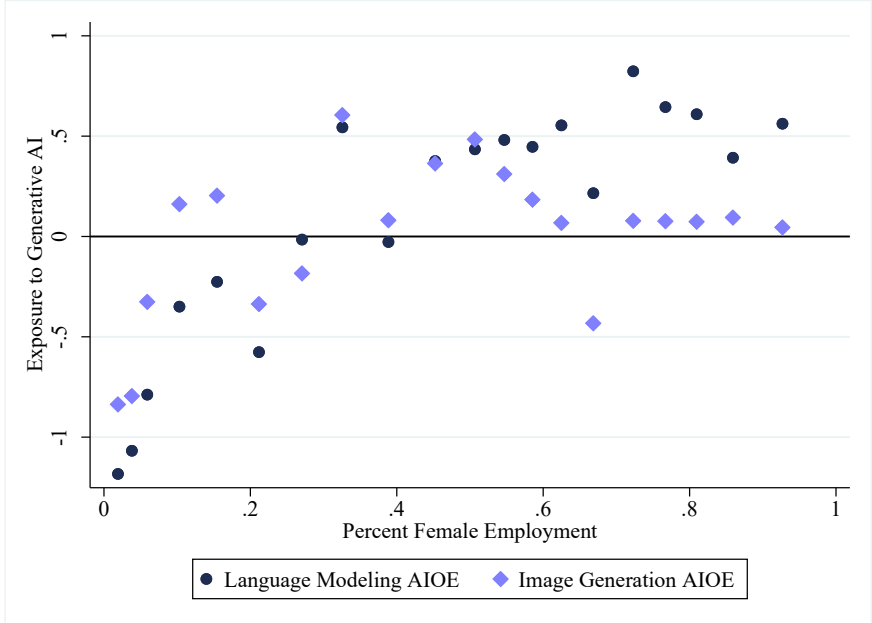
Source: Felten, Edward W. and Raj, Manav and Seamans, Robert, Occupational Heterogeneity in Exposure to Generative AI (April 10, 2023). <https://ssrn.com/abstract=4414065>



Panel A. Representation of Male Employees.



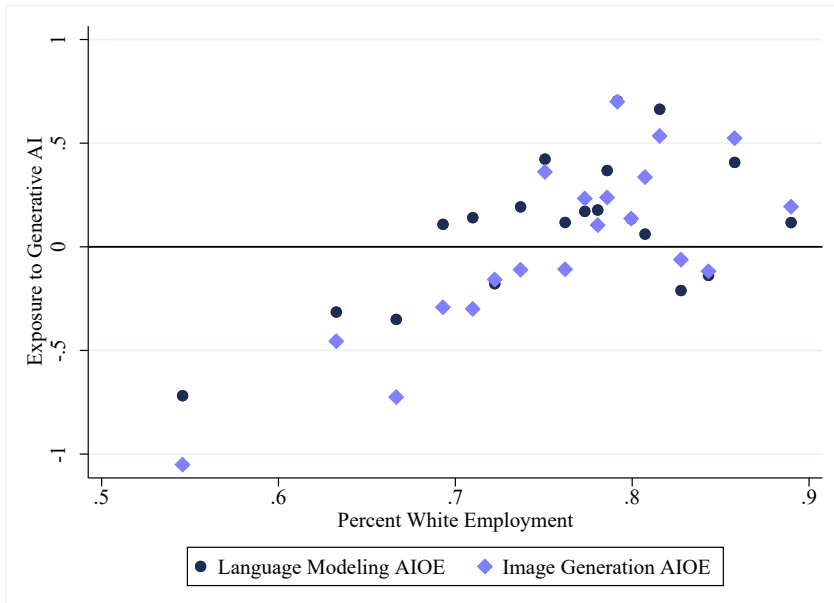
Panel B. Representation of Female Employees.



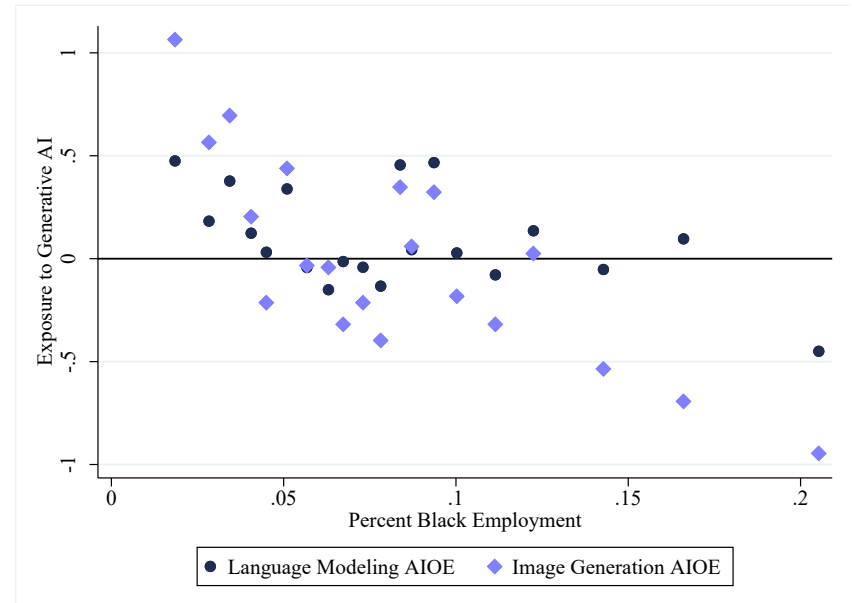
Source: Felten, Edward W. and Raj, Manav and Seamans, Robert, Occupational Heterogeneity in Exposure to Generative AI (April 10, 2023). <https://ssrn.com/abstract=4414065>



Panel C. Representation of White Employees.



Panel D. Representation of Black Employees.



Source: Felten, Edward W. and Raj, Manav and Seamans, Robert, Occupational Heterogeneity in Exposure to Generative AI (April 10, 2023). <https://ssrn.com/abstract=4414065>



Rank	SOC Code	Occupation Title	Language Modeling AIOE
1	41-9041	Telemarketers	1.926
2	25-1123	English Language and Literature Teachers, Postsecondary	1.857
3	25-1124	Foreign Language and Literature Teachers, Postsecondary	1.814
4	25-1125	History Teachers, Postsecondary	1.813
5	25-1112	Law Teachers, Postsecondary	1.802
6	25-1126	Philosophy and Religion Teachers, Postsecondary	1.800
7	25-1067	Sociology Teachers, Postsecondary	1.770
8	25-1065	Political Science Teachers, Postsecondary	1.770
9	25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	1.754
10	19-3041	Sociologists	1.747
11	25-1113	Social Work Teachers, Postsecondary	1.739
12	25-1066	Psychology Teachers, Postsecondary	1.716
13	25-1122	Communications Teachers, Postsecondary	1.702
14	19-3094	Political Scientists	1.687

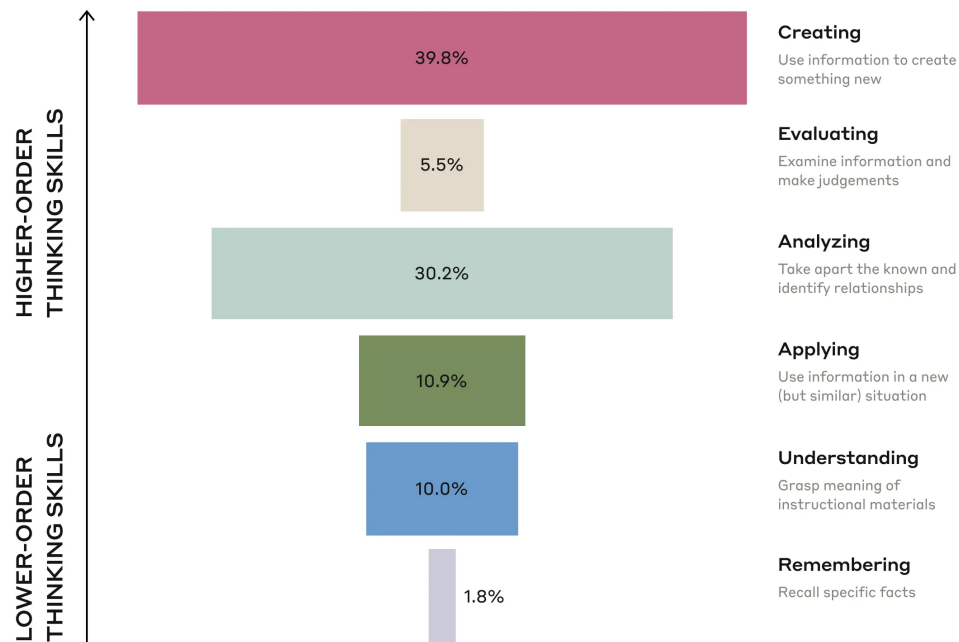
15	25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	1.669
16	23-1022	Arbitrators, Mediators, and Conciliators	1.647
17	23-1023	Judges, Magistrate Judges, and Magistrates	1.646
18	25-1064	Geography Teachers, Postsecondary	1.629
19	25-1082	Library Science Teachers, Postsecondary	1.626
20	19-3031	Clinical, Counseling, and School Psychologists	1.626
21	25-1081	Education Teachers, Postsecondary	1.624
22	25-1011	Business Teachers, Postsecondary	1.618
23	25-1053	Environmental Science Teachers, Postsecondary	1.603
24	43-3061	Procurement Clerks	1.590
25	25-1043	Forestry and Conservation Science Teachers, Postsecondary	1.563
26	13-1071	Human Resources Specialists	1.557
27	13-1111	Management Analysts	1.548
28	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	1.547
29	43-4041	Credit Authorizers, Checkers, and Clerks	1.546
30	11-9033	Education Administrators, Postsecondary	1.545
31	21-1014	Mental Health Counselors	1.537

Source: Felten, Edward W. and Raj, Manav and Seamans, Robert, Occupational Heterogeneity in Exposure to Generative AI (April 10, 2023). <https://ssrn.com/abstract=4414065>



# Students Are Using AI—But How?

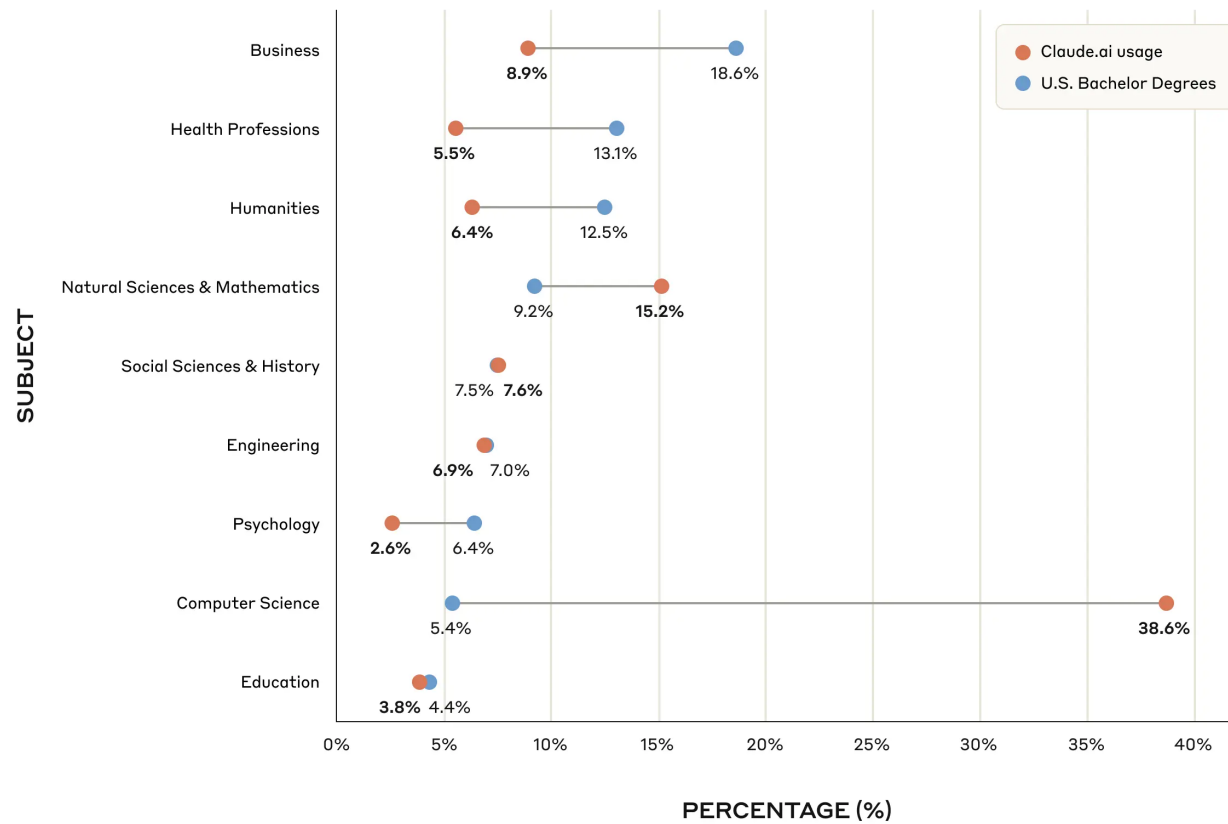
Claude's skills on Bloom's Taxonomy



<https://www.anthropic.com/news/anthropic-education-report-how-university-students-use-claude>



## Claude.ai Usage vs. U.S. Bachelor Degrees



<https://www.anthropic.com/news/anthropic-education-report-how-university-students-use-claude>



## Expert views trend negative about AI's impact on key human cognitive and social traits in the coming decade

% of experts who say the co-evolution of humans and AI is likely to affect these key aspects of humans' capacities and behaviors by 2035



Note: Non-scientific canvassing of tech pioneers, builders and analysts. | Source: Elon University Imagining the Digital Future Center canvassing, Dec. 27, 2024-Feb. 1, 2025

Source: Janna Anderson, Lee Rainie. "Expert Views on the Impact of AI on the Essence of Being Human." Elon University's Imagining the Digital Future Center. April 2, 2025.

