

## Demographic Information

1. Age in years
2. Gender Identity
  - a. Male/Man
  - b. Female/Woman
  - c. Trans male/Trans man
  - d. Trans female/Trans woman
  - e. Genderqueer/Gender non-conforming/Gender non-binary
  - f. A gender identity not listed here. Please specify
3. Race / Ethnicity
  - a. Hispanic/Latino
  - b. Black or African American, Non-Hispanic
  - c. White, Non-Hispanic
  - d. American Indian or Alaska Native, Non-Hispanic
  - e. Asian, Non-Hispanic
  - f. Native Hawaiian or other Pacific Islander, Non-Hispanic
  - g. Two or more races, Non-Hispanic
  - h. Race and/or Ethnicity Unknown
  - i. Prefer not to answer
4. Native Language
  - a. English
  - b. Chinese – Mandarin
  - c. Chinese – Cantonese
  - d. French
  - e. German
  - f. Italian
  - g. Korean
  - h. Russian
  - i. Spanish
  - j. Vietnamese
  - k. Hindi
  - l. Portuguese
  - m. Arabic
  - n. Others – Specify
5. Nationality
  - a. List of countries
6. Education
  - a. Some high school
  - b. High school diploma or equivalent
  - c. Post High School Vocational training
  - d. Some College or Associate's degree
  - e. Bachelor's degree
  - f. Master's degree

- g. Doctorate degree
- 7. Field of Education
  - a. Natural and Physical Sciences (E.g. Mathematics, Astronomy, Chemical, Earth, Biological, Other Natural and Physical Sciences)
  - b. Information Technology (E.g. Computer Science, Information Systems, Other Information Technology)
  - c. Engineering and Related Technologies (E.g. Aeronautics, Manufacturing, Food Technology, Materials Science, Plant and Machine Maintenance)
  - d. Architecture and Building (E.g. Architecture and Urban Environment, Building)
  - e. Agriculture, Environmental and Related Studies (E.g. Crop Production, Animal Production and Management, Environmental Impact and Assessment)
  - f. Health (E.g. Disease Processes and Mechanisms, Restoration and Maintenance of Health, Diagnosis, Principles and Practices of Public Health)
  - g. Education (E.g. Curriculum Development, Processes of Learning and Skill Acquisition, Teaching Methods)
  - h. Management and Commerce (E.g. Administration, Human Resources, Sales, Marketing, Financial Management, Human Behaviour and Time Management)
  - i. Society and Culture (E.g. Belief and Value Systems, Cultural Expression, Human Development, Politics, Social Organisation & Research)
  - j. Creative Arts (E.g. Performing Arts, Visual Arts and Crafts, Graphic and Design Studies, Communication and Media Studies, Other Creative Arts)
  - k. Food, Hospitality and Personal Services (E.g. Food and Hospitality, Personal Services, Beauty Care, Hair Cutting & Styling, Housekeeping)
  - l. Mixed Field Programs (E.g. General Education, Social & Employment Skills, Literacy & Numeracy Skills, Social & Workplace Relationships)
- 8. Marital Status
  - a. Never married
  - b. Married
  - c. Widowed
  - d. Divorced
  - e. Separated
- 9. Employment Status
  - a. Employed Full-Time
  - b. Employed Part-Time
  - c. Student
- 10. Work Industry
  - a. Computer and Information Systems (E.g. Computer Science, Information Systems, Other Information Technology)
  - b. Agriculture, Forestry, Fishing and Hunting
  - c. Mining, Quarrying, and Oil and Gas Extraction
  - d. Utilities (E.g. Electric Power Generation, Transmission, Distribution, Natural Gas Distribution, Water, Sewage, Irrigation)
  - e. Construction
  - f. Manufacturing

- g. Wholesale Trade
  - h. Retail Trade
  - i. Transportation and Warehousing (E.g. Urban Transit Systems, Mixed Mode Transit Systems, School and Employee Bus Transportation)
  - j. Information (E.g. Publisher, Motion Picture, Telecommunications, Data Processing, Hosting, News Syndicates, Libraries and Archives)
  - k. Finance and Insurance
  - l. Real Estate and Rental and Leasing
  - m. Professional, Scientific, and Technical Services (E.g. Legal Services, Offices of Lawyers, Tax Preparation Services, Industrial Design Services)
  - n. Management of Companies and Enterprises (E.g. Offices of Bank Holding Companies, Management of Companies and Enterprises)
  - o. Administrative Support, Waste Management, Remediation Services (E.g. Employment, Support Services, Private Mail Centers, Telemarketing Bureaus)
  - p. Educational Services
  - q. Health Care and Social Assistance
  - r. Arts, Entertainment, and Recreation
  - s. Accommodation and Food Services (E.g. Hotels, Casinos, Caterers, Restaurants, Drinking Places (Alcoholic Beverages))
  - t. Public Administration (E.g. Executive Offices, Legislative Bodies, Justice, Public Order, National Security, International Affairs)
  - u. Other Services (E.g. Automotive & Electronics Repair & Maintenance, Personal Care Services, Cemeteries, Pet Care, Parking Lots)
11. Have you been diagnosed with any disability or impairment?
- a. Yes; Specify if yes
  - b. No
12. How were you recruited for this program?
- a. Events & Activities at Illinois Tech
  - b. Referred by a friend or a colleague
  - c. Contacted by an associate working on this application
  - d. Search Engine
  - e. Social Media
  - f. Blog / Publication

### In-Chat Questionnaire

1. Please answer the following questions based on your experience during the chat:
  - a. Whether the user used the chat advice from the suggestive feed (Yes / No)
  - b. Performance of the assistant suggestions (Good / Bad)
  - c. Performance of the conversation that is going on (Good / Bad)

### Post-Chat Questionnaire

1. Numeric Ratings Questions (How much do you agree / disagree with these statements)
  - a. The conversation was comfortable and flowed well.

- b. There were times when I felt uncomfortable during conversation.
  - c. My conversational partner understood me very well.
  - d. I understood my conversational partner very well.
  - e. The conversational assistance was helpful.
  - f. The conversational assistance was distracting or annoying.
  - g. The conversational assistance was able to understand the context and was able to provide accurate suggestions.
  - h. The conversational assistance will help in creating and maintaining the flow in the conversation.
  - i. I enjoyed the overall experience.
  - j. I would recommend someone to participate in this research study.
2. Text-input Questions
- a. What were the best parts of the conversations?
  - b. What aspects of the conversation were uncomfortable or strange?
  - c. Suggestions to improve the user experience.