

AMIR ALI CHALABI

ACADEMIC CV | INFORMATION TECHNOLOGY · DATA ANALYTICS · AI RESEARCH

Tehran, Iran | amirali1383ch@gmail.com | LinkedIn: linkedin.com/in/amirali-chalabi | GitHub: github.com/amiralichalabi

RESEARCH INTERESTS

Organizational AI readiness and adoption; data analytics and decision support; intelligent transportation systems; railway systems and digital transformation; data governance and AI-enabled forecasting.

EDUCATION

M.Sc. in Information Technology | Amirkabir University of Technology | 2026–Present

- Admitted through the university's Exceptional Talent (Outstanding Student) pathway.
- Research interests include AI readiness, data analytics, intelligent transportation, railway systems, and decision support.

B.Sc. in Railway Transportation Engineering | Iran University of Science and Technology | 2022–2026

- GPA: 17.83/20 (institutional scale).
- Ranked 1st in Railway Transportation Engineering throughout the undergraduate program.
- Recognized as an outstanding student by the National Elites Foundation.

RESEARCH EXPERIENCE

Bachelor's Thesis Researcher | Iran University of Science and Technology | 2025–2026

- Thesis: "Assessing the Readiness of the Islamic Republic of Iran Railways for Applying Artificial Intelligence in Freight Demand Forecasting."
- Assessed organizational readiness across seven dimensions: data readiness, data governance, IT infrastructure, human resources, strategy and management support, culture and change management, and security and ethics.
- Developed and administered a 35-item, five-point Likert questionnaire to 11 knowledgeable experts; analyzed results using descriptive statistics and Cronbach's alpha.
- Overall readiness mean: 2.81/5; questionnaire reliability: Cronbach's $\alpha = 0.842$. Manuscript in preparation.

Research Project | Iran University of Science and Technology | 2024–2025

- Contributed to a research project examining the impact of public transportation on education.

TEACHING EXPERIENCE

Teaching Assistant | Iran University of Science and Technology |

- Engineering Economics.
- Decision Analysis.

ACADEMIC SERVICE & LEADERSHIP

Scientific Manager | Cultural Office of the Railway Faculty |

- Supported academic and scientific activities within the faculty's student cultural organization.

PROFESSIONAL EXPERIENCE

Data Analyst & Business Intelligence | Saman Salamat Pajouh | Jul 2026–Present

- Develop interactive Power BI dashboards and analytical reports for pharmaceutical and healthcare data, covering sales, inventory, distribution, customers, products, performance, and operational KPIs.
- Transform and analyze business data using SQL, Python, Excel, Power Query, DAX, data modeling, ETL, and automation workflows.
- Translate business requirements into management-oriented BI outputs and present analytical findings and actionable insights to stakeholders.

Project Control & Human Resources Specialist | Tavankar | Oct 2024–Jun 2026

- Managed project schedules, WBS structures, progress monitoring, and project data using Microsoft Project and Excel.
- Supported HR operations for approximately 32 employees, including recruitment, employee records, performance evaluation, training, and workforce planning.
- Supported industrial R&D through research, documentation, coordination, data management, and progress monitoring.

RESEARCH & TECHNICAL SKILLS

Data & BI: SQL, Power BI, DAX, Power Query, Excel, data modeling, ETL, KPI development, data visualization, analytical reporting

Programming & Automation: Python (web/API work, data cleaning, automation), HTML, CSS, JavaScript, APIs

Research & Quantitative: SPSS, descriptive analysis, questionnaire-based research, reliability analysis

Engineering & Decision Support: Microsoft Project (MSP), COMFAR, Expert Choice

Development Tools: Git/GitHub, Docker, OIDC

HONORS & COMMUNITY ENGAGEMENT

- Ranked 1st in Railway Transportation Engineering throughout the undergraduate program at IUST.
- Outstanding-student recognition by the National Elites Foundation.
- Approximately six years of NGO and volunteer experience.

LANGUAGES

Persian (native) · English (B1) · French (A1)