

Milad Nooraei

📍 Melbourne, VIC, Australia 📞 (+61) 422 144 417 ✉️ mnoo0018@student.monash.edu 🌐 Portfolio 🔗 LinkedIn 🐙 GitHub

Education

Master of Data Science

Mar 2025 – Present

[Monash University](#)

Melbourne, Australia

- **GPA:** 85.1/100 (3.63/4.0)
- **Relevant Coursework:** Foundations of Data Science, Introduction to Python Programming, Introduction to Databases, Project Management

Bachelor of Computer Engineering

Sep 2020 – Sep 2024

[Shiraz University](#)

Shiraz, Iran

- Developed strong foundations in programming, algorithms, data structures, and software engineering principles

Experience

Data Analyst

Jul 2023 – Feb 2024

[Shiraz University of Medical Sciences](#)

Shiraz, Iran

- Analyzed ICU patient datasets to extract clinically relevant insights
- Applied APACHE II & III scoring models for healthcare data evaluation
- Supported data-driven decision-making using real-world medical data

Teaching Assistant

Sep 2023 – Jan 2024

[Shiraz University](#)

Shiraz, Iran

- Supported Python and object-oriented programming courses
- Guided students in problem-solving and conceptual modeling

Data Analyst Intern

Apr 2023 – Jun 2023

[Quera](#)

Tehran, Iran

- Worked with Python, SQL, and statistical analysis for data-driven insights
- Built dashboards and visualizations using Plotly, Power BI, and Streamlit
- Performed data cleaning, transformation, and web scraping workflows

Projects

Spotify Analytics

[GitHub Link](#)

- Performed end-to-end data analysis including data collection, cleaning, SQL querying, and exploratory data analysis
- Built interactive dashboards using Streamlit and developed a final Power BI dashboard for insight presentation
- Applied clustering, regression, and classification models to analyze audio features and user listening behaviour

Chronic Disease Prediction

[GitHub Link](#)

- Developed predictive models in R to analyze chronic disease progression using healthcare datasets
- Performed data preprocessing, statistical analysis, and feature selection for model improvement
- Applied regression and classification techniques to generate actionable health insights

Amazon Laptop Analysis

[GitHub Link](#)

- Collected and processed laptop product data to analyze relationships between specifications and pricing
- Performed exploratory data analysis and visualization to identify patterns across brands and features
- Generated insights to support data-driven understanding of consumer laptop market trends

Leadership & Activities

Data & AI Officer

Sep 2025 – Jan 2026

Monash Data & AI Society

Monash University, Australia

- Supported student engagement through data science and AI initiatives

Volunteer Team Member

Mar 2021 – Jul 2022

Hour of Code

Shiraz University, Iran

- Contributed to Python teaching and event coordination

Vice Representative

Dec 2021 – Mar 2022

SampCode

Shiraz University, Iran

- Co-organized events and managed team coordination

Skills

- **Programming:** Python, R, SQL, Java, C
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI
- **Machine Learning:** Scikit-learn
- **Databases:** MySQL, Oracle
- **Tools:** Jupyter Notebook, VS Code, Streamlit, Git