

Mohammad Mohammadi

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in m-mohammadi-ds

ABOUT ME

Data Analysis student skilled in Python, SQL, and data visualization, with hands-on experience in data cleaning, exploratory data analysis, and interactive dashboard development using tools such as Power BI and Pandas. At Apple Developer Academy, contributed to the development of data-driven iOS applications including SafeAcqua. Passionate about transforming raw data into actionable insights to support product and business decision-making.

EDUCATION

Bachelor in Data Analysis

University of Campania Luigi Vanvitelli, Italy

- Focus on statistics, data analysis, and machine learning *Nov 2022 – Present*
- Coursework includes statistical analysis and programming for data science

Apple Developer Academy

University of Naples Federico II, Italy

- Developed iOS applications using Swift and SwiftUI *Sep 2023 – Jun 2024*
- Worked in multidisciplinary teams to build data-driven applications

PROJECTS

SafeAcqua – Environmental Awareness App

Interactive Data Analysis Learning App

DisasterAid – Disaster Relief Management Database System

EXPERIENCE

Data Analyst Intern

Dadeh Kavan Shargh Company

Sep 2020 – Sep 2021

- Cleaned and preprocessed structured and unstructured datasets (50k+ records) using Python and Excel, improving data quality for downstream analysis.
- Performed exploratory data analysis using Python to identify sales trends, supporting business reporting and decision-making.
- Wrote SQL queries to extract and aggregate data from relational databases
- Built dashboards using Power BI and Tableau to support reporting and decision-making

iOS Developer Trainee

Apple Developer Academy – University of Naples Federico II

Sep 2023 – Jun 2024

- Developed data-driven iOS applications using Swift and SwiftUI in an agile team environment
- Implemented features for data collection, processing, and visualization
- Analyzed user behavior to improve product usability and engagement
- Collaborated with multidisciplinary teams during the development cycle

SKILLS

Technical

- **Programming:** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), R
- **Databases:** SQL (Joins, Aggregations, Window Functions, Data Extraction)
- **Data Visualization:** Power BI (DAX, Data Modeling), Python Visualization
- **Data Analysis:** EDA, Statistical Analysis, Hypothesis Testing
- **Data Processing:** Data Cleaning, Data Preprocessing, Handling Missing Values, Feature Engineering
- **Tools:** Jupyter Notebook, Git, Excel

Languages

- **Persian:** Native
- **English:** Professional Working Proficiency
- **Italian:** Conversant

VOLUNTEER EXPERIENCE

Computer Literacy Instructor (Volunteer)

Iranian Red Crescent Society

Mar 2022 – May 2022

Provided basic computer literacy training to children in underdeveloped communities. The work included introducing fundamental computer concepts such as internet navigation, basic software usage, and helping students build confidence in using digital tools.

HONORS & AWARDS

Merit-based Scholarship winner for 3 consecutive years

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Meritevoli Scholarship winner for 2 consecutive years

University of Luigi Vanvitelli

iOS Developer Certificate

Apple Developer Academy

Selected to present app at Comune di Napoli

Apple Developer Academy