

Javad Abbaszadeh

📍 Turin, Italy

🎓 University Graduate

☎ +39 3444323302

✉ javadabb.stu@gmail.com

🌐 Javad Abbaszadeh

👤 JavadAbb

👤 Professional Profile

Master's student in Stochastics and Data Science with a background in data analytics, machine learning, and statistical modeling. Experienced in developing data-driven solutions through projects involving predictive modeling, API-based data analysis, and database systems. Skilled in Python, SQL, and data visualization, with additional experience in iOS application development using Swift and SwiftUI. Passionate about applying statistical and machine learning methods to solve real-world problems.

🏢 Work Experience

Apple Developer Academy

Sep 2023 - Jun 2024: *Naples, Italy*

iOS Developer Trainee

Developed iOS applications using Swift and SwiftUI for the Apple ecosystem (iOS, iPadOS, watchOS, tvOS). Implemented features for data collection, processing, and visualization.

Azar Pardaz Shargh

Sep 2020 - Sep 2021: *Tabriz, Iran*

Data Analyst Intern

Assisted in extracting and structuring raw business data to uncover operational trends. This hands-on experience with data processing sparked my passion for the field and motivated my decision to study Data Analytics at Università Luigi Vanvitelli.

🎓 Education

Università di Torino

Nov 2025 - Present: *Turin, Italy*

Master's Degree in Stochastics and Data Science

Focus on probability theory, statistical inference, stochastic processes, and machine learning. Training in statistical modelling, data analysis, and computational methods for complex data.

Apple Developer Academy - Unina

Sep 2023 - Jun 2024: *Naples, Italy*

iOS Development Program

Intensive program in iOS development, product design, and teamwork. Focused on building and presenting mobile applications while collaborating and learning in multidisciplinary teams with people from different nationalities and cultural backgrounds.

Università Luigi Vanvitelli

Nov 2022 - Nov 2025: *Caserta, Italy*

Bachelor's Degree in Data Analytics





Program focused on statistics, machine learning, and data analysis. Developed skills in Python, R, data mining, statistical inference, and database systems.

⚙️ Technical Skills

- ✓ Programming: Python (Pandas, NumPy, Matplotlib, Seaborn), R, MATLAB, Swift, SwiftUI
- ✓ Machine Learning: Logistic Regression, Random Forest, XGBoost, Clustering (K-means, K-medoids)
- ✓ Data Analysis: Exploratory Data Analysis (EDA), Data Cleaning, Feature Analysis, Data Visualization
- ✓ Databases: SQL, Database Design, Entity-Relationship Modeling, Relational Schemas
- ✓ Data Processing: Data Preprocessing, Handling Missing Values, Outlier Detection
- ✓ Research & Analysis: Problem discovery, user research, surveys, data-driven decision making
- ✓ Problem Solving: Analytical thinking, Data interpretation, statistical reasoning

- ✓ Communication: Technical presentations using Keynote and PowerPoint; presenting projects to mentors and industry representatives
- ✓ Teamwork: Collaboration in multidisciplinary and international teams

Languages

-  Persian - Native
-  Turkish - Native
-  English - Upper-Intermediate, B2
-  Italian - Intermediate working proficiency, B1

Projects

Diabetes Prediction Using Machine Learning: Developed a predictive model using a healthcare dataset of 100,000 patient records as part of my bachelor's thesis. Performed exploratory data analysis and preprocessing in Python (Pandas, NumPy, Matplotlib, Seaborn). Implemented and compared Logistic Regression, Random Forest, and XGBoost models.

Comparative Analysis of PM2.5 Air Quality: Milan vs Paris (Python, API): Built a data pipeline using the OpenAQ API to analyze PM2.5 air pollution data for Milan and Paris (2024). Performed data collection, preprocessing, and exploratory analysis in Python, and visualized trends using Matplotlib and Seaborn.

Hotel Management Database System: Designed a relational database for hotel operations including guests, reservations, payments, and staff assignments. Developed ER models, relational schemas, and SQL queries.

Data Mining and Clustering Analysis (MATLAB): Implemented clustering algorithms including K-means and K-medoids to analyze datasets such as Iris data and voting datasets. Applied dimensionality reduction and distance matrix computation to evaluate clustering performance and data structure.

StillEye - Sleep Improvement App: Developed a data-driven iOS application using Swift and SwiftUI designed to improve sleep quality through visual color patterns and behavioral research. Collaborated in an international team to research sleep-related behaviors and present the application to mentors and industry representatives.

Sofreh - Persian Food and Culture Discovery App: Developed an iOS application introducing Persian cuisine and culture. Integrated recipe APIs and implemented personalized recommendations suggesting traditional foods based on the Iranian cities users explore.

Volunteer Experience

Ostad Shahriar Elementary School

Dec 2021 - May 2022: Marand, Iran

Programming Instructor (Volunteer)

Taught basic programming concepts to elementary school students and introduced computational thinking through simple coding exercises.

Honors & Awards

- AdisurCampania Scholarship - Bachelor's degree (awarded for 3 consecutive years)
- EDISU Piemonte Scholarship - Università di Torino
- Meritevoli Scholarship - Università Luigi Vanvitelli (awarded for 3 consecutive years)
- Apple Developer Academy Certificate and Scholarship - Università di Napoli Federico II