Asadbek Iskandarov
Data Scientist

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Portfolio: CV_Website

EXPERIENCE

Education Consultant - Scolaro Consult *January 2021 - January 2023*
- Provided educational guidance and consulting for students in *STEM* fields.

Maths tutor - Stanford Education *June 2018 - September 2021*
- Conducted one-on-one tutoring sessions focusing on **calculus, algebra**, and **statistics.**

PROJECTS

Airline customer satisfaction - *github link*
- **Data Analysis and Visualization:** Conducted extensive exploratory data analysis *(EDA)* on airline customer satisfaction data using various visualisation techniques to uncover key insights and trends.
- **Model Development and Evaluation:** Evaluated machine learning models *(LR, DTC, RFC, SVC, XGB, LGBM)* based on accuracy and classification metrics, selecting the best-performing model for predicting customer satisfaction.

Airplane ticket prediction - *github link*
- **Data Analysis and Visualization:** Conducted a comprehensive analysis of the dataset using diverse visualisation techniques to gain deep insights.
- **Model Development and Evaluation:** Built and evaluated predictive models using *Linear Regression (LR), Decision Tree Regression (DTR), Random Forest Regression (RFR)*, and *Extreme Gradient Boosting Regression (XGBR)*, selecting the model with the lowest error as the optimal solution.

Pneumonia DL Image Classifier - *kaggle link*
- **Model Development:** Built *CNNs* and used *ResNet34* with transfer learning for pneumonia from chest X-rays.
- **Preprocessing**: Utilised *fast.ai* for resizing, normalising, and enhancing images.

Vehicle DL Image Classifier - *github link*
- **Model Development:** Classified vehicle images into cars, planes, and boats using *CNNs* and *ResNet34* with transfer learning.
- **Preprocessing:** Employed *fast.ai* for resizing, normalising and enhancing images to boost model accuracy.

EDUCATION

Polytechnic University of Turin *- B.Sc. Computer Engineering* September 2020 - Present
- Achieved a score of **91/100**, ranking among the top **10 highest-scoring students** in the selection process.
- Got accepted as resident student to *Collegio Einaudi* through high school grading

Andijan State University *- B.Sc. Labor Economy and Sociology* September 2018 - March 2019
- Got accepted with **number one highest score** in the first place achieving **full scholarship**

COURSES

Mohirdev *- Data Science and Artificial Intelligence (* 📄 **certificate)** December 2023 - May 2024

Codecamedy *- Learn Python 3 Course* **(** 📄 **certificate)** September 2018 - March 2019

Udemy *- The Complete 2023 Web Development Bootcamp (* 📄 **certificate)** September 2018 - March 2019

Khan Academy *- Math Subject 2 (800/800), SAT General (1300/1600) (* 📄 **SAT certificates)**

SKILLS & LANGUAGES

Proficient: Machine Learning, Deep Learning, Data Analysis, Data Structures and Algorithms, OOP, Math, Statistics
Programming languages: Python, Java, C, JavaScript, SQL, Bash Scripting
Tools: Python Libraries(Pandas, Numpy, Matplotlib), Seaborn, Scikit-learn, PyTorch, FastAI

LANGUAGES

- **English C1 (IELTS 7)**
- **Italian B1**