ALIYAN SAYANI

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OBJECTIVE

A Computer Science student with a deep interest in Artificial Intelligence and Data Science, I am a curious and analytical individual who is constantly fascinated by the possibilities of technology. I honed my skills through many projects in domains of Management Systems, Data Science, Data Mining and Machine Learning, always pushing myself to excel in my field of study.

EDUCATION

Bachelor's of Computer Science, Bahria University   Expected Feb-2025

Semester Exchange Program, Istanbul Technical University   Oct-2023 - Jan-2024
Relevant Coursework: Introduction to Data Science and Engineering, Learning from Data, Data Mining, Robotics and Introduction to Bio-informatics.

SKILLS

Technical Skills	Data Cleaning and Prepossessing, Python(Pandas, Numpy, Matplotlib, Seaborn, Scikit Learn, Tensor Flow, Open CV, Keras etc), SQL, Hypothesis Testing, Regression Analysis, supervised learning and un-supervised learning algorithms, Association Rule Mining, Data Visualizations and etc
Soft Skills	Problem solving, communication, collaboration, project management Curiosity and Continuous Learning

PROJECTS

Crick-IX: Performence Based 11 selection This project includes comprehensive analysis of match data, aiming to unearth statistically significant associations between player attributes—such as batting position, strike rate, and scoring ranges—and match outcomes using association rule mining.

Comparative analysis of DNA sequencing , Mutation detecting pipelines This project aims use different combinations of DNA sequencing, mapping and variant calling algorithms, to detect mutations in DNA sample data, perform comparative analysis with ground truth data and different results of pipelines.

HONOR AND AWARDS

Rector's Honor Name in Rector's Honor list for 3 times for semester Spring-22, Fall-22 and Spring-23

Coder's Class: Speed Coding Competition - 2024 Won Speed Coding competition, hosted by Bahria University Innovative and Computing Society

Edvon Robotic Competition - 2018 Runner up in Edvon robotic competition Representing Aga Khan Higher Secondary School