

# Muhammad Taha Shayan

Data Science and Data Analysis

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Data Science and Data Analysis professional with 1 years of experience in building data models and also data visualization using latest tools and technologies such as Python, Power Bi, Tableau and R.

## EDUCATION

Air University Islamabad, Pakistan

2025

Bachelor of Science in Computer Science

## TECHNICAL SKILLS AND INTERESTS

**Languages:** English, Urdu

**Developer Tools:** Python, Power BI, Tableau, Excel, R language, Machine Learning, Artificial Intelligence

**Frameworks:** Measuring performance, Predictive maintenance, Product development, PyTorch, TensorFlow

**Soft Skills(Intermediate):** Data Cleaning, Exploratory Data Analysis, Data manipulation, Data preprocessing, Web Scraping, Making Machine Learning Models, Power Bi Dashboard, Tableau Dashboard, Visualizations on dataset, SQL for data science, Python for Data Science

**Coursework:** Social media data analysis, Customer feedback data analysis

**Areas of Interest:** Data Science and Data Analysis

## EXPERIENCE

British Airways

May 2023 – September 2023

Data Scientist

- Web Scrap data to gain company insight
- Gathered analytics data using different sources.
- Predict customer behaviour using Machine Learning
- Plot different types of chart to show the accuracy and behaviour of customers
- Applied analysis skills, leveraging insights, developing and deploying data models.

Globalshala(Excellerate)

May 2024 – September 2024

Data Analyst

- Facebook Feedback Campaign Analysis
- Work on visualization to discontinue campaign
- Plot different types of charts to take appropriate business decision
- Defined and documented system specifications for data capture, storage and analysis activities.

## PERSONAL PROJECTS

IMDB Exploratory Analysis

2023

Do the analysis on IMDB dataset and all the necessary visualization on dataset)

- Tools & technologies used: Python, Power Bi, Numpy, Pandas
- I have done this project using the jupyter notebook and also use Python along with numpy and pandas libraries

Predicting Student Exam score using Machine Learning

2022

Make a model to predict student Exam Score using Machine Learning)

- Tools & technologies used: Machine Learning, Scikit-learn, Python
- It is the project that I have done for my practice on Machine Learning

Game Simulation Analysis using Tableau

2024

Do all the data transformation to identify the winning Team

- Tools & technologies used: Tableau, Python
- It is the project that I have done on my practice on tableau

## CERTIFICATES

Python for data science and AI

IBM Machine Learning

Databases and SQL for Data Science with Python

Data Analysis

Machine Learning with Python

Power Bi