

ZAIN SHAHBAZ

DATA SCIENTIST

Committed Data Scientist with 2+ years of experience in project work and a passion for delivering valuable data through analytical functions and data retrieval methods; skilled in machine learning, statistics, problem-solving, and programming.



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Education

The University Of Lahore

B.S in Computer Science, Sept. 2017- May. 2021

- Excelled in machine learning and data science coursework.
- Developed the final year project related to house data to predict renting and selling price of a house; Used multiple regression models.
- **Cgpa: 3.58**

Microsoft Certified: Azure Data Scientist Associate, 2021

IBM Data Science Professional Certificate, 2021

Award

National Entrepreneur Competition 2021

3rd position out of 155 teams

Skills

Data & Quantitative Analysis



Predictive Modelling



Machine Learning Algorithms



Decision Analytics



Data-driven



Personalization



Technical skills

Python, R & C++



SQL & NoSQL



Spark & Hadoop



Azure & Aws



Experience

March. 2020 - Current

Data Scientist - **Akhrot Clothing Co.**

Key responsibilities

- Utilized exploratory data analysis techniques to identify patterns, relationships, and trends.
- Worked with stakeholders to identify opportunities for growth.
- Mentored the company on data analytics by introducing custom customer collaborative filtering.
- Built a data-driven foundation to assist in the deployment of social ads.
- Reached 650k Users & Engagement of 250k+ with 40% increase in ROAS.
- 700% Increase In Web Visits, 50% Increase in Facebook & Instagram Page Likes

Key takeaways

- Mentored the company on data analytics.
- Built a data-driven foundation.

Key Projects

E-commerce Predictive Analysis:

- Dash, EDA, Machine Learning, Computer Vision.
- Included the prediction of up-selling, cross-selling, optimal distribution strategy, demand forecasting, and customer segmentation.
- Resulted in ROI increase of up to 40%

News Category Predictor:

- Web scraping, EDA, NLP, Machine Learning.
- Real-time application gathering data from several news websites.
- Visualizing a summary of the different topics being discussed in the news articles predicting the category of a given news article.
- Accuracy: 95%

Pakistani House Price Predictor:

- EDA, Pre-Processing, Machine Learning.
- Web-based application predicts the renting/selling price of a house while predicting the 5-year House price index.
- Data Population: More than 250,000 rows with 5 Independent variables.
- Accuracy: 85% - 92%

Other

Volunteer Team (LICFF)

- LICFF, Lahore, Punjab / OCT 2018
- The Art Beat, Punjab / FEB 2019