Abubakar Saddique

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PROFILE

Entry-level Data Scientist with hands-on experience in building end-to-end machine learning pipelines, deploying models to cloud environments, and developing data-driven applications. Proficient in Python, SQL, and MLOps practices, with strong foundations in mathematics and statistics. Skilled at transforming raw data into actionable insights to support business decision-making.

EDUCATION

University of South Asia   *Lahore, Pakistan*
Bachelor of Science in Computer Science   *2021 – 2025*

SKILLS

Python, SQL, Machine Learning (Scikit-learn,XGBoost),Deep Learning (TensorFlow, PyTorch), NLP, Computer Vision, MLOps & Cloud (Docker, FastAPI, AWS S3, IAM, EC2, Git, MLflow), Visualization & BI (Power BI, Streamlit, Matplotlib, Seaborn), Math & Stats (Probability, Linear Algebra, Calculus, Statistics)

PROJECTS

Influencer Insights: YouTube Comment Analyzer|Link   *Aug 2025 – Sep 2025*

- Built a Chrome extension performing real-time sentiment analysis on YouTube comments using an ML model trained on 3.7K labeled samples.
- Designed a full MLOps pipeline with data/model versioning, and deployed a Dockerized Flask API on AWS EC2, enabling scalable predictions

Hybrid Spotify Music Recommender |Link

- Engineered a hybrid recommendation system combining SVD-based collaborative filtering and content-based filtering, improving recommendation precision by 20%.
- Demonstrated ability to design systems balancing personalization and scalability in recommendation tasks

Real Estate Properties Analytics Tool |Link   *Mar 2025 – Apr 2025*

- Developed an XGBoost regression model predicting property prices with 84% accuracy using structured housing data.
- Created an interactive Streamlit dashboard to visualize market trends and provide property recommendations, aiding decision-making for buyers/sellers.

EXPERIENCE

DevelopersHub Corporation©   *Islamabad,Pakistan*
Data Science Intern   *June 2025 – July 2025(2 months)*

- Built machine learning models to extract business insights from large datasets, improving decision support.
- Automated data preprocessing workflows, boosting team efficiency by 15%.
- Designed and presented Power BI dashboards to track KPIs, enabling managers to monitor performance in real time.