JAINAM SHAH

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TECHNICAL SKILLS

- **Languages**: Python, SQL, HTML/CSS, R, XML.
- **Frameworks**: Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn, OpenCV, Flask.
- **Tools**: Power BI, Anaconda, Microsoft Office, MySQL, GIT, VS Code, Azure Data Studio, Tableau.
- **Platforms**: Windows, Linux, Web, AWS cloud, GCP.
- **Soft Skills**: Leadership, Event management, Writing.

EXPERIENCE

Data Analyst (Full-time) — June 2023 - Present
Johnson & Johnson – New Jersey, USA

- Collaborated with cross-functional teams to understand data requirements and delivered 15+ reports using Power BI.
- Gathered and analyzed data from 5+ sources including SQL Server Data, Web, Excel, Impala, Data lakes.
- Designed and implemented interactive dashboards to track KPIs resulting in a 20% increase in user engagement.
- Guided in identifying trends, patterns, and opportunities through data analysis, contributing to process optimization.
- Actively managed and kept 3+ end-to-end dashboards current and relevant.
- Led the successful migration of Tableau reports to Power BI dashboards, resulting in a 20% surge in customer satisfaction by streamlining data connections and directly resolving critical business challenges.
- Crafted a Power BI dashboard to actively monitor reports across five distinct workspaces, resulting in a remarkable 150% surge in user engagement.

Data Analyst (Internship) — Mar 2022 - May 2022
AICTE NEAT – India

- Leveraged AWS data analytics tools resulting in a 25% faster data processing and enhanced decision.
- Designed Amazon QuickSight dashboards to help stakeholders make decisions, increasing operational efficiency by 15%.

PROJECTS

Prediction of factors influencing cement compressive strength. (Machine learning)

- Applied machine learning techniques such as Decision trees, Random Forest, and gradient boosting algorithms.
- Developed predictive model based on multi-linear regression and data mining techniques using sci-kit learn to understand different parameters that impact cement's strength. Boosted model's accuracy from 56.2% to 88.6%.

Admission Prediction (Machine Learning)

- Built a Python random forest model and Myers-Briggs scales to predict college acceptance rates with 85% accuracy.
- Established a Flask server with front-end in HTML, CSS, and JavaScript.
- Honored with runners-up award at the 4th national conference on innovative global trends held by MIT ADT University.

Prediction of the product importance on shipping data using the Clustering Algorithm. (Machine Learning)

- Led a team of 3 to build a model that predicts the importance of the customer purchase product using a clustering algorithm - KNN. Identified areas of improvement and made recommendations accordingly.
- Structured **2.8 million** rows into a more sensible data frame after dealing with null and unwanted data with Python libraries.
- Employed Sci-kit learn library to optimize K-means clustering, used elbow method and inertia to determine 3 optimal cluster.

EDUCATION

Master of Science - Data Science — August 2022 - May 2024
University of the Pacific, San Francisco, California.

Bachelor of Technology - Computer Science 3.3 GPA — August 2018 - May 2022
MIT School of Engineering, Pune, Maharashtra.