Shagufta Jahan

Data Scientist/Data Analyst

Dubai

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https://shaguftaj.github.io/

Meticulous Data Scientist accomplished in compiling, transforming and analyzing complex information through software. Expert in machine learning and large dataset management. Demonstrated success in identifying relationships and building solutions to business problems.

Skills

- Data Modeling Design
- Natural Language Processing NLP
- Predictive Analysis
- Deep Learning
- SQL
- Data Transformation
- Machine learning
- Data Visualization
- Statistical analysis

Software

Python

Anaconda

Streamlit

Tableau

Power BI

Certifications

2021-08 - 2022-02	Certified Data Scientist, EXCELR
2021-01	Probability and Statistics for Business and Data, UDEMY

Education

2010-06 - 2012-06   **Master of Technology: Electrical Engineering** (Gold Medalist)
Aligarh Muslim University - India

2006-06 - 2010-07   **Bachelor of Technology: Electrical Engineering**
Aligarh Muslim University - India

Work History

2023-03 - 2024-03   **Data Analyst**
Cordis.US

- Ensured data quality and integrity by cleaning and validating datasets.
- Transformed raw data into a usable form for analysis and reporting.
- Create dashboards, charts, and graphs to communicate insights effectively.
- Collaborated with team members to address specific business questions or challenges.
- Ensured accuracy and reliability of analysis results through rigorous testing and validation.

2022-02 - 2022-11   **Data Scientist Intern**
AI Variant

- Created data visualization graphics, translating complex data sets into comprehensive visual representations.
- Brainstormed with data personnel to define data modeling standards for projects.
- Applied appropriate data science techniques to solve business problems.
- Created data mining architectures and models to identify trends in large data sets.
- Performed advanced data extraction and data manipulation.
- Identified, analyzed and interpreted trends in complex data sets using supervised and unsupervised learning techniques.

2015 - 2020   **Stay Home Mother**

During this period, I made the cautious decision to pause my professional career to prioritize the invaluable role of raising and caring for my family.

The experience of being a stay-at-home mother has equipped me with a diverse set of skills, including.

- Effectively balancing multiple responsibilities and priorities within a dynamic and demanding environment.
- Plan, coordinate, and execute tasks efficiently, ensuring smooth operations and optimal outcomes.
- Regular interactions with family members, educators, community members, and volunteers.
- Address various challenges and obstacles encountered in daily family life, finding creative solutions to ensure positive outcomes.

I am excited to transition back into the workforce and apply my skills and experiences for the role of a Data Scientist / Data Analyst.
I am confident that my time as a stay-at-home mother has enriched my perspective and capabilities, making me a more well-rounded and resourceful professional.

2014-02 - 2014-06   **Assistant Professor**

Birla Institute of Technology, Offshore Campus, RAK UAE

Lectured B.Tech Students for below subjects
- Power Systems Analysis
- Control Theory
- Direct Energy Conversion
- Electrical Measurement

2012-07 - 2013-06   **Faculty**

National Institute of Technology, Patna

Lectured B.Tech and M.Tech Students for below subjects
- Power Systems Design
- Linear Control Theory
- Modern Control Theory
- Power Electronics
- Microcontroller

- **European Cars Re-Selling Price Prediction**

What is the Business Problem?

An online used car re-selling company needs to evaluate the used car condition, & accordingly predict the re-selling price of the car.

Objective

The task is of evaluating the data collected about the used cars sold in the past & based on that make predictions for the price of the cars sold in the future. As the first phase we need to develop the proof of concept to make the client understand how effective the feature could be.

Details

- EDA
- Model Building
- Choosing the Most Efficient Model
- Deployment

- **Shipment Analysis**

What is the Business Problem?

An International E-Commerce company (Electronic goods) wants to use some of the most advanced machine learning techniques to analyze their customers with respect to their services and some important customer success matrix.

Objective

The task is to build a model to predict if the shipments will reach on time or not. The Logit/Probabilistic technique has to be used with the most accurate model.

Details

- EDA
- Model Building
- Choosing the Most Efficient Model
- Deployment

- **Sentiment Analysis - of Amazon Product Reviews**

What is the Business Problem?

Most of the people are expressing their view by posting it on social platforms about a product. We need to understand the liking or disliking of that product to help the organization to make some decisions about the production and supply of the same in the market. So here consider extracting reviews from ecommerce websites and analyze them to satisfy the objective.

Objective

To design and build a model for the prediction of the preference of a product that will help the organization make decisions related to production and supply of the respective product in the market.

Details

- EDA
- Model Building
- Choosing the Most Efficient Model
- Deployment

🏆 Accomplishments

- Secured Gold Medal for Standing Out in MTech at the University.