NAVAZDEEN S

Senior Data Analyst

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📍 Tiruvanamalai, Tamil Nadu
in LinkedIn
○ GitHub

EDUCATION

B.E., Mechanical Engineer

Rajalakshmi Institute of technology

📍 Chennai, Tamil Nadu

SKILLS

Data Science Pipeline

Python (pandas, numpy, Django)

Scikit-learn, Tensor flow, Keras,

NLP, EDA

SQL (MySQL, Postgres) PySpark

Time Series Forecasting

Deep Learning

Statistical Analysis

Data Visualization (Dash, Plotly)

Productionizing Models

Recommendation Engine

HTML5/CSS, Bootstrap

UNIX, Git

Revitalizing the data landscape over 2.5 years, orchestrating impactful projects and fostering innovation in data-driven solutions, Eager to channel this expertise into a collaborative team environment, driving transformative outcomes and contributing to the changing evolution of data science.

WORK EXPERIENCE

Senior Data Analyst
Tiger Analytics

📅 Jun 2023 - Current - **Project Budget Estimation**   📍 Chennai, Tamil Nadu

- Orchestrated end-to-end project execution, ensuring successful deployment and achieving a 20% reduction in project completion time.
- Engineered an interactive UI with Dash and Plotly, streamlining user interaction and resulting in a 30% increase in user engagement.
- Implemented rigorous data preprocessing, reducing data anomalies by 25% and enhancing model accuracy.
- Created and implemented a hybrid modeling framework, combining stacked classification and linear regression methods, advancing in a 15% increase in budget estimation accuracy.

📅 Nov 2022 - June 2023 - **Price Engine**   📍 Chennai, Tamil Nadu

- Led the development of a Pricing Recommendation Engine, resulting in a 10% revenue increase through the implementation of strategic pricing aligned with market trends and customer behavior.
- Oversaw the entire project lifecycle, achieving seamless integration of the engine into retailer operations and reducing project completion time by 15%.
- Innovated a Lasso regression-driven feature selection module, boosting predictive accuracy by 20%.
- Expertly constructed and fine-tuned predictive models, leveraging Lasso, XGBoost, and Bayesian techniques, resulting in a 12% enhancement in pricing outcome forecasting.

📅 April 2022 - Nov 2022 - **Data Harmonization**   📍 Chennai, Tamil Nadu

- Directed diverse dataset integration, achieving compatibility and consistency for analysis through data harmonization efforts.
- Employed active learning techniques to enhance entity categorization, yielding a 15% improvement in model training accuracy.
- Streamlined entity resolution and data deduplication with the efficient implementation of the MinLSH algorithm, reducing processing time by 20%.
- Leveraged PySpark for parallelized data processing, enhancing efficiency and handling large datasets with a 25% reduction in processing time.
- Collaborated cross-functionally to elevate data quality, contributing to informed decision-making and facilitating a 10% improvement in project outcomes.

Software Developer
Tata Consultancy Services

📅 Jan 21 - Mar 22   📍 Chennai, Tamil Nadu

- Designed and developed a dedicated socket module that facilitated real-time communication and reduced latency by 50% within the application.
- Played a key role in integrating multiple external APIs into the application. By seamlessly connecting these APIs with the application's features.
- Provided project updates to leadership team of 3.
- Communicated with internal teams and stakeholders, working to determine solutions for the user experience.