Data Scientist

Santhi   # abcdefg@gmail.com   # +91 1234567890

Summary

- ➢ An accomplished data scientist with a strong foundation in data analysis, predictive modeling, and data-driven strategy development.
- ➢ Proven track record of extracting actionable insights from complex datasets and implementing data-driven solutions to solve real-world business problems.
- ➢ Proficient in programming languages such as Python and experienced in data manipulation using SQL.

Skills Summary

- ➢ Developed and deployed machine learning models based on client requirement.
- ➢ Collaborated cross-functionally with to understand their data needs and provided data-driven recommendations that enhanced decision-making processes.
- ➢ Utilized data visualization tools (matplotlib, seaborn with python and Power BI) to create informative dashboards and reports for stakeholders, resulting in improved data accessibility and comprehension.
- ➢ Participated in data pipeline development and data engineering tasks to ensure data quality and availability for analysis.

Technical stack

- ➢ Python
- ➢ Pandas, Data Analysis
- ➢ Matplotlib, seaborn, Data Visualization
- ➢ Seaborn, scikit-learn
- ➢ Machine Learning
- ➢ Deep Learning
- ➢ Predictive model creation
- ➢ Natural Language Processing

Education

- ➢ Bachelor of Technology | CSE | SRKR Engineering College, Bhimavaram (2016 – 2020)
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Project # 1

Project Name : ECP (Energy Consumption Prediction)
Technical Environment : Python, numpy, pandas, matplotlib, seaborn,
HDFS, scipy, scikit-learn and TensorFlow.

Energy Consumption Prediction involves applying different techniques to analyze and gain insights from energy consumption data. These methods plays a crucial role in optimizing energy usage, improving energy efficiency, and supporting sustainable energy practices.

➢ Used to access the datasets as per client providers, understand business objectives.
➢ Clean and pre-process data to remove noise, handle missing values, and ensure data quality.
➢ Conduct EDA for better understanding the data's structure and identify patterns, trends, and outliers.
➢ Create visualizations and reports to communicate findings to non-technical stakeholders.
➢ Engineer new features from raw data to improve model performance and predictive accuracy.
➢ Select right model specific business problems, train, validate, and fine-tune models using data to achieve desired performance metrics. Evaluate model performance using relevant metrics. Validate models for generalization and robustness.
➢ Enhancing data collection procedures to include information that is relevant for building analytic systems