Dheeraj Kusboori

in LinkedIn | ☎ 985-276-0639| M dheeraj.kusboori@gmail.com | ⊘ Portfolio

Summary

Operational Data Analyst adept at collecting, analyzing, and interpreting large datasets to drive data-based decision making. Strong analytical, problem-solving skills and high attention to detail, with 8+ years of experience translating data into actionable insights. Proficient in Python, SQL, Tableau, Power BI & Cloud Database systems.

Skills

- **Machine Learning & AI:** Machine Learning, Deep Learning, Neural Networks, Support Vector Machines, Sentiment Analysis, Natural Language Processing (NLP), Data Mining, Text Mining, Ensemble Learning.
- **Cloud & Database Management:** Azure, Databricks, Snowflake, Data Pipelines, Data Modeling, ETL, ELT, Google BigQuery, Teradata, MS SQL Server , MySQL, T-SQL.
- **Data Analysis & Visualization:** Statistical Analysis, Data Visualization, Tableau, Power BI, Identifying Trends/Patterns, Business Intelligence, Designing Key Performance Metrics/Indicators, Data-driven decision-making.
- **Development & Programming:** Python, Apache Spark, PySpark, Spark SQL, Web Scraping, MS Excel VBA, GitHub.

Professional Experience

Senior Data Analyst | EzyNest | Dallas, TX   **05/2023 – Current**

- Lead a cross-functional initiative to redefine data analytics & BI priorities, integrating sklearn and debugging techniques, resulting in a 40% boost in data utilization.
- Reduced costs 25% across business units through root cause analysis using SQL, Tableau, and Python.
- Designed and transformed data pipelines using Spark's parallelization and data caching techniques, accelerating data processing by 35% and enabling real-time analytics.
- Develop interactive Tableau dashboards aligning KPIs to business requirements for real-time tracking.
- Collaborate closely with the stakeholders and build a positive culture across technical and business teams.

Data Analyst | IVY | Hyderabad, India   **08/2017 – 10/2019**

- Devised marketing strategies to cut acquisition costs $3M+ through data-based marketing strategies and predictive analytics.
- Conducted an extensive data review using Support Vector Machines, identifying and rectifying discrepancies leading to 20% improved data accuracy.
- Developed advanced analytics solutions incorporating deep learning models like CNN, amplifying marketing campaign impact by 30%.
- Drove 14% rise in revenue by optimizing web layouts and user engagement through A/B testing.
- Established rigorous data governance protocols, ensuring data precision, uniformity and data security across all business facets.

Data Analyst | Innopark India Pvt. Ltd | Hyderabad, India   **10/2011 – 08/2017**

- Saved $5.3M by deploying fraud detection systems using decision trees, random forests, and predictive models.
- Led a comprehensive migration of the data environment from MySQL to Teradata, resulting in a 25% increase in data processing speed and a boost in the efficiency of data operations.
- Delivered dynamic visual reports using Power BI dashboards, enabling stakeholders to derive real-time insights and make informed decisions.
- Implemented data pipelines with Hadoop ecosystems and Snowflake, streamlining data flow and operational efficiency by 30%.
- Created complex SQL scripts for adept data handling, decreasing data manipulation times and elevating data's overall utility, staying up-to-date with industry best practices.

Education

Master of Science (Data Science)| Southeastern Louisiana University   **08/2021 – 05/2023**

- Specialization in ML, Statistical Modeling, Mathematical Modeling, Feature Engineering, Model Optimization.

Bachelor of Science (Computer Science) | Osmania University   **06/2006 – 04/2009**

- Specialization in Relation Database Management Systems, Statistics, Mathematics.