

# DHEERAJ KUSBOORI

*Senior Data Analyst*

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📍 Dallas, TX

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## EDUCATION

Master of Science

Data Science

**Southeastern Louisiana University**

📅 Aug 2021 - May 2023

📍 Hammond, LA

## SKILLS

- Python (Machine Learning, Random Forest, Neural Networks, Support Vector Machines, Natural Language Processing)
- Data Visualization (Tableau, ggplot2)
- Database Management (MySQL, MS SQL Server, T-SQL, BigQuery, Teradata)
- Data Analysis (Predictive Modeling, Time Series Analysis, Cluster Analysis, A/B Testing)
- ETL (Informatica, Custom Python Scripts)
- Microsoft Excel (Report Automation, Advanced Formulas, Pivot Tables)
- Web Analytics (User Behavior Analysis, KPI Tracking, Dashboard Creation)
- Data Governance
- Metadata Capture Strategies
- Statistical Techniques (Regression, Hypothesis Testing)

## CERTIFICATES

- IBM Data Science Professional Certificate, 2023
- IBM Python for Data Science, AI & Development, 2023
- IBM Python Project for Data Science, 2023
- IBM Data Visualization with Python, 2023
- IBM Data Analysis with Python, 2023

## WORK EXPERIENCE

### Senior Data Analyst

EzyNest

📅 May 2023 - current

📍 Dallas, TX

- Architected scalable data models to power dashboards for both internal teams and client-facing analytics.
- Employed SQL and Python for data manipulation and analysis, boosting the availability and utility of data.
- Constructed ETL/ELT pipelines using custom Python scripts, guaranteeing efficient data manipulation and extraction.
- Worked with team members to spot gaps in data capture, proposed proactive recommendations, and executed data enhancements.
- Built interactive and aesthetically appealing dashboards using Tableau, SSRS, and other data visualization tools.

### Graduate Assistant

**Southeastern Louisiana University**

📅 Sep 2022 - May 2023

📍 Hammond, LA

- Managed booking and setup of the space for presentations, meetings, workshops, and training, displaying excellent organizational skills.
- Solved a range of hardware and software issues, demonstrating strong problem-solving skills and technical knowledge.
- Created informative documents detailing troubleshooting steps and equipment setup, showcasing technical writing abilities.

### Data Analyst

**IVY Comptech**

📅 Aug 2017 - Oct 2019

📍 Hyderabad, TELANGANA

- Undertook meticulous analysis of user activity data collected from the company's website. This helped enhance user engagement by 12% and increase Average Revenue Per User (ARPU) by 14%.
- Employed predictive modeling and cluster analysis to categorize users based on their wagering behavior. This segmentation resulted in a significant 10% increase in customer retention rates.
- Supervised A/B testing operations, implementing changes that optimized user experience and led to an 18% increase in conversion rates.
- Developed a real-time, interactive dashboard using Tableau, enhancing data accessibility and encouraging data-driven decision making throughout the company.
- Made a strategic collaboration with the marketing team, playing a strategic role in BI and analytics, which resulted in a 22% reduction in customer acquisition costs.

### Data Analyst

**Innopark India Pvt Ltd**

📅 Oct 2011 - Aug 2017

📍 Hyderabad, TELANGANA

- Designed machine learning algorithms capable of detecting fraudulent activities on the website, enhancing user trust and website credibility.
- Implemented advanced data visualization techniques that facilitated a better understanding and presentation of complex data sets, aiding critical decision-making processes within the company.
- Optimized SQL scripts for efficient data manipulation and extraction, leading to significant reductions in data processing times and enhancing the availability and utility of data.
- Orchestrated a comprehensive migration of the data environment from MySQL to Teradata. This transition resulted in a 25% increase in data processing speed, boosting the efficiency of data operations.
- Introduced strategic measures for the optimization of business processes, resulting in an 18% improvement in operational efficiency.