

PRAJWAL JAYARAMU GOWDA

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EDUCATION

Northeastern University, Boston, MA

Dec 2023

Master of Science in Data Analytics and Engineering

GPA: 3.7

Courses: Data Management for Analytics, Foundation of Data Analytics Engineering, Computation and Visualization, Data Mining, Financial Management and Marketing, Supply Chain Management

PES College of Engineering, Bangalore, India

Bachelor of Engineering in Computer Science and Engineering

Relevant Courses: Machine Learning, Data Structure, Object-Oriented Programming, Software Engineering, Data Science

TECHNICAL SKILLS

Programming Languages: SQL, R, Python (NumPy, pandas, matplotlib, plotly, seaborn), Apache Spark, Alteryx

Visualization tools: Tableau, Excel, Power BI, Google Analytics4, Looker Studio, Quicksight

Database Management: MySQL, Postgre SQL, MongoDB, MS SQL Server, ETL, Snowflake

Machine Learning: Regression, Classification, Clustering, Natural Language Processing

PROFESSIONAL EXPERIENCE

Data Analyst

Massachusetts, USA

LG Energy Solution Vertech Inc

Jan - Aug 2023

- Optimized data storage and retrieval by establishing a Snowflake database and ETL pipeline, resulting in a 30% cost reduction and 10% savings from enhanced analytics.
- Upgraded system efficiency by 15% through the creation of PowerBI dashboards, effectively utilizing Excel, Python, and SQL for advanced data analytics.
- Led the initiative for U.S. data integration, focusing on impactful PowerBI visuals and efficient cloud management to enhance battery system and marketing operations.
- Enhanced risk alert accuracy by 20% through the integration of risk indicators into PowerBI and built effective service monitoring analytics tools, demonstrating expertise in ETL and data engineering.
- Designed and deployed analytical performance dashboards, streamlining supply chain management, and introducing an effective alert system management dashboard.
- Leveraged Google Analytics to identify key market trends and consumer behavior insights, enhancing data-driven decision-making processes and optimizing strategic planning efforts.

Data Analyst - I

Bangalore, India

DTC Technology

June 2020 – July 2021

- Boosted sales by 15% by leveraging Tableau for incisive customer data analysis and visualization.
- Slashed operational mistakes by 25% and customer grievances by 20% via Python and SQL.
- Produced predictive reports using Tableau and Python, adapting swiftly despite limited prior exposure.
- Fostered team communication in a Scrum Agile framework, emphasizing collaborative significance.
- Vigilantly monitored performance indicators to optimize sales trends across varied durations.
- Applied analytics, visualization, ETL, and Python skills to drive superior results.

Software Engineer

Bangalore, India

Ideonix Solutions

Jan 2020- April 2020

- Crafted a multi-screen Android app with Java and Android SDK.
- Optimized user interface by fusing HTML and CSS, ensuring cross-platform adaptability.
- Collaborated with the UI/UX department to enrich visual assets, elevating the app's aesthetics.
- Showcased front-end prowess by designing web pages using HTML and CSS.

ACADEMIC PROJECTS

World Happiness Analysis | R

- Analyzed global happiness data of 155 nations spanning 2015-2019 via R.
- Spotlighted Finland's peak happiness scores and discerned primary contributors using R visuals.
- Leveraged R to garner a deeper comprehension of evolving happiness metrics.

Centralized Metallic Company Database | SQL, Python, Tableau

- Implemented an ERP module in SQL Workbench that encapsulated sales, purchase, and fiscal sectors.
- Bridged SQL with NoSQL MongoDB, ensuring seamless MYSQL and Cypher query compatibility.
- Employed Python and Tableau for vivid data visualization and meticulous analysis.

Depression, Stress, and Anxiety Prediction Analysis | Python, Machine Learning

- Examined mental well-being surveys using Python to unearth patterns stemming from personality responses.
- Predicted depression with a staggering 98.4% accuracy using Logistic Regression in Machine Learning.
- Undertook extensive data sanitization and employed classification algorithms for penetrative insights.