

Neelraj Khawale

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EDUCATION

Master's, Business Analytics
University of Texas - Dallas, TX

Jan 2022 - Dec 2023
GPA - 3.70

Bachelor's, Computer Engineering
Savitribai Phule Pune University, India

Jun 2016 - May 2020
GPA - 3.20

PROFESSIONAL EXPERIENCE

Data Analytics Intern

SoftClouds LLC, San Diego, CA

Sept 2023 - Dec 2023

- Conducted stakeholder interviews to gather requirements, analyze processes, and identify inefficiencies.
- Crafted impactful Tableau dashboards to identify trends and swiftly deliver actionable insights to stakeholders.
- Enhanced dashboard performance by optimizing data model and SQL queries, achieving a 25% improvement.
- Optimized functionality of "Kapture" Knowledge Management app, integrating Tableau dashboard API for real-time analytics and app health monitoring.

Analytics Officer

Data Science Club, UTD, Dallas, TX

Jun 2022 - Jan 2023

- Directed a team of 5 analysts in data collection and analysis, resulting in the creation of data-driven reports and a notable 30% increase in club engagement and participation.
- Coordinated kick-off events and workshops for 80+ members.
- Mentored club members to build projects, offering guidance and support for successful project outcomes and skill enhancement.

ACADEMIC PROJECT EXPERIENCE

Customer Analytics

Sept 2023 - Dec 2023

- Performed data analysis in Python to optimize marketing strategies for a clothing retailer.
- Employed Poisson and Negative Binomial regression to evaluate demographic influences on website visits and purchases.

Workforce Planning Model

Jun 2023 - Aug 2023

- Analyzed workforce scheduling and resource allocation for a hypothetical distribution center.
- Identified inefficiencies and potential areas for improvement in workforce planning processes.
- Created a Python-based Linear Programming model, optimizing workforce scheduling.

Integrated HR Data Analytics

Jan 2023 - May 2023

- Analyzed employee development, recruitment, and attrition data using Python.
- Utilized feature selection and classification models for attrition analysis, enhancing retention strategies.
- Developed Tableau visualizations and reports for decision-making support.

Unicorn Companies Analysis

Sept 2022 - Dec 2022

- Analyzed unicorn companies' data using SQL and Tableau utilizing joins, CTEs, and window functions.
- Identified key metrics: ROI, time to unicorn status, industries, countries, and top investors.
- Created a Tableau dashboard, incorporating features such as parameters, top N filters, reference lines, and calculated fields for enhanced visualization.

SKILLS AND CERTIFICATIONS

Certifications: Google Data Analytics, Alteryx Foundation, R for Data Analytics.

Tools: R, SAS, AWS, Hadoop, Hive, Spark, MS Excel – VBA, Macros, SQL – MSSQL, MySQL, Azure Databricks, Oracle, NoSQL - MongoDB, Alteryx.

Data Engineering: ETL Development, Data Modeling, Database Management.

Data Visualization: Tableau, Power BI.

Programming Language: C, C++, Java, Python.