Kedar Vichare

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Education

Master of Science in Data Analytics, San Jose State University Aug 2024 - May 2026
Bachelor of Engineering, Electronics and Telecomm, University of Mumbai Aug 2017 - Jun 2020

Work Experience

Data Analyst, Reliance Jio, Mumbai, India Apr 2021 - Jul 2024

- Analyzed network traffic, signal strength, call drop rates, and user location data to identify performance bottlenecks and coverage gaps using Python (Pandas, NumPy), SQL, and Tableau.
- Eliminated manual surveys by automating potential store and tower location identification using satellite imagery and geospatial data, applied object detection for optimal site selection by detecting commercial and residential structures.
- Collaborated with ML team to work on larger datasets, selecting the best fit for structured and unstructured data to generate insights for best network recommendations.
- Partnered with cross-functional teams, Partnered with cross functional teams to perform SKU-level analysis using Tableau and SQL, leading to a 10 reduction in stockouts by identifying underperforming products from the supply chain.

Engineering Intern, Larsen and Toubro, Mumbai, India Jun 2016 - Apr 2017

- Led a team project to develop a motion gesture control system, using advanced data analytics to interpret sensor data, optimize gesture recognition accuracy, and enhance user experience, including gaming and healthcare.

Projects

End-to-End Data Engineering Project - Ecommerce | *GitHub*

- Designed and implemented a full data pipeline, from ERD diagram to ETL processes, using SQL to integrate and structure large eCommerce datasets. Conducted advanced data analysis on customer behavior and product performance, delivering actionable insights for business optimization.
- Utilized insights gained from exploratory data analysis to understand how transactions behave.

Identify Target Audience Aerofit| *GitHub*

- Developed and implemented a customer segmentation model using Python, Pandas, and Seaborn to recommend treadmill products based on demographic and fitness data. Conducted comprehensive data analysis with NumPy, Matplotlib, and Scipy, identifying key customer trends to optimize targeted product recommendations.

Demand and Supply Data Analysis for Uber | *GitHub*

- Conducted in-depth analysis of Uber's city supply and demand data using Python and SQL, identifying peak demand periods, busiest shifts, and optimizing driver schedules for improved efficiency. Identified key insights on zero-to-eyeball ratios, trip completion trends, and demand-supply mismatches, which will contribute to data-driven strategies for better driver allocation and service optimization.

Website Traffic Analysis | *GitHub*

- Performed traffic analysis utilizing Python, Pandas, and Scipy to assess pageviews, clicks, and previews across various regions and time periods. Applied data aggregation and grouping methods to identify patterns in user interaction with Linkfire links, enhancing insights for digital marketing efforts.
- Created Matplotlib visualizations to highlight user behavior trends, supporting data-driven decisions to enhance campaign performance and user engagement with Linkfire links.

Skills

Programming Languages: Python (NumPy, Pandas, Matplotlib, scikit-learn, TensorFlow), SQL, R

Data Analytical Tools: Google Analytics 360, Adobe Analytics, Microsoft Excel, Kantar Market Share, Google Tag Manager, Tableau, Power BI, LookerStudio, Hadoop, Spark, Amazon Redshift, Google BigQuery, AWS

Database/Cloud/Other: Linux, macOS, Windows, MySQL, Oracle, MS Access, AWS, Google Cloud, PIM, DAM

Coursework

Statistics & Probability, Data Warehouse, Distributed Systems for Data Engineering, Big Data
Data Mining, Machine Learning, Business Intelligence and Data Visualization