

Akhil Nair

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EDUCATION:

California State University, Fullerton, CA

Master of Science, Information Systems

Coursework: Data Visualization, Data Warehousing, Foundations of Business Intelligence, Data Mining

Aug. 2022–May. 2024

GPA:3.41/4.0

Gandhi Institute of Technology and Management, Hyderabad, India

Bachelor of Technology, Computer Science

Coursework: Database Management Systems, Data Mining and Warehousing, Data Communications

Jun. 2017-Jul. 2021

GPA: 7.23/10.0

TECHNICAL SKILLS:

Languages: R, SQL, Python, VBA, R Studio

Business Intelligence: Power Query, Power BI, Tableau, Advanced Microsoft Excel, SPSS

Supply Chain: Inventory Management, Demand Planning, Procurement

Operating Systems: Linux, MacOS, Windows

EXPERIENCE:

California State University, Fullerton

Grading Assistant

Jan 2024-May. 2024

Fullerton, CA

- Assisted in teaching and research activities within the domains of advertising and social media.
- Managed Canvas, graded assignments, and provided support with research tasks, including literature reviews.
- Contributed to projects focused on influencer marketing and social media analytics through data extraction and analysis.
- Assisted in the preparation and administration of exams and quizzes, ensuring a smooth process and accurate assessment.

New Education

Data Analyst

Hyderabad, India

Jul. 2021- Jul 2022

- Develop complex SQL queries to extract, transform, and load (ETL) data from various sources, enhancing data accuracy and reporting efficiency. Designed and optimized SQL queries for data extraction and manipulation, improving data retrieval times by 25%.
- Utilize Python for data analysis and predictive modeling, providing insights that contribute to a 20% increase in sales revenue. Coordinate with business stakeholders to gather requirements and deliver actionable insights, improving operational efficiency by 15%.
- Developed and delivered training materials and sessions for internal teams on data tools and best practices.

ACADEMIC PROJECTS:

Credit Card Approval Prediction

- Performed a logistic regression study with a focus on identifying delinquent consumers and examining patterns of late fee production to evaluate client creditworthiness and forecast the possibility of credit card acceptance.
- Utilized performance metrics such as accuracy, precision, recall, and AUC-ROC to rigorously evaluate the logistic regression model.

Sentiment Analysis on Amazon Reviews

- Developed proficiency in utilizing and integrating NumPY, Pandas within Python to analyze and interpret customer sentiment based on feedback data, enhancing skills in data manipulation, visualization and analysis.
- Employed Matplotlib to create insightful visualizations, such as sentiment distribution plots, trend analysis over time, and correlation graph

Credit Card Default Classification

- Implemented K-Nearest Neighbors (KNN) for credit card default classification, optimizing for best K and minimizing error rates. Achieved optimal K value through systematic testing, resulting in improved classification accuracy.
- Conducted cross-validation on the chosen K value, reducing the risk of overfitting and ensuring consistency across different data subsets what data subsets

Business Case Study about Cloud Kitchen Innovation

- Utilized Gantt chart methodology to meticulously plan and execute the implementation of cloud kitchen operations. Leveraged the chart's structured approach to allocate resources efficiently, streamline workflow processes, ensuring timely completion of tasks related to setting up the cloud kitchen infrastructure.
- Utilized SQL to efficiently manage and process customer orders, including inserting, updating, and tracking order data, which streamlined order fulfillment and ensured accurate real-time reporting.