
EDUCATION

Master of Science in Business Analytics, University of California, San Diego 12/2024

Relevant courses: Web Mining & Recommender Systems, Business Intelligence Systems, SQL & ETL, Business Analytics Consulting, Customer Analytics

MBA in Technology Management, Bachelor's in Electronics Engineering 05/2022

NMIMS University, Mumbai, India

EXPERIENCE

Teaching Assistant – Project Management in Health Services, UC San Diego 09/2023 - Present

- Assessed grading and assessment for 180+ students in MGT 173: Project Management in Health Services at UC San Diego, ensuring accurate evaluation as measured by consistent student feedback
- Spearheaded development of comprehensive dashboards for tracking academic performance, improving course efficiency and resource allocation, aligning with key data science and business analysis principles

Data Analyst - Commercial Analytics, KMK Consulting, Remote 05/2022 - 07/2023

- Executed 3+ projects in commercial analytics and dynamic data visualization, attaining streamlined reporting and improved decision-making for major US pharmaceutical firms
- Led patient-level analysis for a leading pharma company worth \$5 billion, employing SQL to accomplish in-depth insights in compliance, persistency, and therapy trends in the Plaque Psoriasis and Dry Eye sectors
- Innovated in creation of a comprehensive Power BI dashboard for a \$800 million ophthalmology manufacturer, enabling real-time insightful market trend comparisons in Glaucoma and Dry Eye markets
- Transformed incentive calculation process for sales representatives leveraging Python automation, achieving a 25% reduction in processing time and enhancing operational efficiency

Management Trainee - Real Estate Valuation, KNAV, Remote 05/2021 - 09/2021

- Managed and executed 50+ US real estate appraisals across diverse property types ensuring accurate property valuation by employing advanced methodologies viz. sales comparison and income approach
- Conducted comprehensive performance, tax, market, and regional analyses, resulting in generation of data-driven appraisal reports thereby resulting in informed decision-making for 5+ clients

SKILL & COMPETENCIES

- **Data Analysis:** SQL, Python, R, Excel
- **Data Visualization:** Power BI, Tableau, Alteryx
- **Technical/Programming Languages:** C, C++, Java, HTML, CSS, JavaScript

PROJECTS

Steam Video Game Reviews: Engagement & Duration Prediction System, UC San Diego 11/2023

- Developed a game play prediction model, achieving 92% accuracy in a balanced confusion matrix, using a TensorFlow-based Bayesian Personalized Ranking model with negative sampling
- Built a time-played prediction tool, attaining low Mean Squared Error of 0.35, through collaborative filtering techniques and bias calculations for Steam's game data

Transformative ETL Analysis with Snowflake and Python Integration, UC San Diego 9/2023

- Integrated diverse data sets (CSV, XML, PostgreSQL) to analyze weather impact on purchase order discrepancies
- Implemented automated data staging and managed Snowflake warehouse operations, enhancing data processing efficiency through the development of complex SQL queries for analysis

AWARDS

- Values & Behaviors: Peak Performance Award - KMK Consulting Inc, June 2023