

DHRUVIL GAJARIA

San Diego, CA

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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, BTech in Electronics and Telecommunication Engineering 05/2022

Narsee Monjee Institute of Management Studies, Mumbai, India

EXPERIENCE

Teaching Assistant, University of California, San Diego 09/2023 - Present

- Assessed grading and assessment for 90+ 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 3 comprehensive dashboards for tracking academic performance, improving course efficiency and resource allocation, aligning with key data science and business analysis principles

Associate - 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
- Analytical Thinking, Problem-Solving, Effective Communication, Team Collaboration, Attention to Detail

PROJECTS

Video Game Engagement & Duration Prediction System, University of California, 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

Risk Assessment and Insurance Optimization for an Aviation company, University of California, San Diego 10/2023

- Led a risk assessment and insurance optimization project for an aviation company using Python-based simulation to analyze and minimize insurance costs for a \$6 billion fleet
- Identified most cost-effective policy, balancing risk and financial stability, through detailed analysis of potential liabilities exceeding \$41 million

PROFESSIONAL AFFILIATIONS & LEADERSHIP

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