

Dhruvil Gajaria

San Diego, CA | 858-220-6030 | gajariadhruvil@gmail.com | [linkedin.com/in/dhruvilgajaria](https://www.linkedin.com/in/dhruvilgajaria) | dhruvilgajaria.github.io/portfolio/

EDUCATION

University of California, San Diego

San Diego, CA

Master of Science in Business Analytics

Aug. 2023 – Dec. 2024

- Relevant Coursework: Business Intelligence Systems, SQL & ETL, Business Analytics Consulting, Customer Analytics, Supply Chain Analytics, Fraud Analytics, Web Mining & Recommender Systems

Narsee Monjee Institute of Management Studies

Mumbai, India

MBA in Technology Management, Bachelor of Technology in Electronics Engineering

Jul. 2017 – May 2022

EXPERIENCE

Teaching Assistant

Sep. 2023 – Present

University of California, San Diego

San Diego, CA

- Assessed and graded classroom exercises and exams for 180+ students in the course 'Project Management in Health Services,' ensuring accurate and consistent evaluations.
- 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

May 2022 – July 2023

KMK Consulting

Remote

- 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.

Analyst Trainee - Real Estate Valuation

May 2021 – Sep. 2021

KNAV

Remote

- 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.

PROJECTS

Steam Video Games: Engagement Prediction System | [GitHub Link](#) | *Python, Docker*

Nov. 2023

- Developed a game play prediction model, achieving 92% accuracy, 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.

ETL Analysis with Snowflake & Python Integration | [GitHub Link](#) | *SQL, Python, Docker*

Sep. 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.

SKILLS

Data Analysis: SQL, Python, R, Excel, SAS

Data Visualization: Microsoft Power BI, Tableau, Alteryx

Technical/Programming Languages: C, C++, Java, HTML, CSS, JavaScript, Matlab

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio

Libraries: pandas, NumPy, Matplotlib, scikit-learn, keras, seaborn

Soft Skills: Problem Solving, Analytical Thinking, Attention to Detail, Team Collaboration, Active Listening