

# Dhruvil Gajaria

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

### Intern - Web Development

May 2020 – July 2020

*WITS Interactive*

*Remote*

- Revitalized a dynamic web application using HTML, CSS, and JSP for frontend, and JDBC, MySQL for backend.
- Engineered the database schema in MySQL, ensuring efficient data storage and retrieval for the web application.

## 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

## PROJECTS

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

Nov. 2023

- Developed a gameplay prediction model using TensorFlow BPR with negative sampling, achieving 92% accuracy.
- Built a time-played prediction tool, attaining low MSE 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, boosting efficiency with complex SQL queries for analysis.