

Miral Kansagara

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GitHub: <https://github.com/miralchangela> Portfolio: <https://miralchangela.github.io/miral-s-portfolio/>

Dedicated and talented data analyst with experience as a quality assurance analyst proficient in SQL, Python, Excel, Tableau, and Power BI. Experienced in data analysis and visualization, including creating graphs, charts, and financial reports. A problem-solver with attention to detail. Capable of providing valuable insights to clients through statistical analysis, trend identification, and business analysis. Collaborative with outstanding communication and training skills, able to work in a fast-paced environment.

TECHNICAL SKILLS:

- **Programming Languages:** Python (Pandas, NumPy, SciPy), Java, HTML, CSS(Basic), Java Script (Basic), R(Basic)
- **Databases:** SQL (Microsoft SQL Server, MySQL, PostgreSQL), MongoDB
- **BI Tools:** Matplotlib, Power BI, Tableau, Excel (VLOOKUP, Conditional Formatting, Pivot Tables, Pivot charts)
- **Data Mining:** Linear regression, Logistic Regression
- **Big Data platform:** Amazon web service (AWS), RDS, S3

WORK EXPERIENCE:

QA Data Analyst, Murani infotech Pvt. Ltd, Gujarat, India Nov 2019 - May 2022

- Conducted data extraction (ETL), storage, manipulation, processing, and data analysis on large datasets using SQL, Python, and Excel to identify trends, patterns, and outliers.
- Leveraged SQL joins and subqueries to merge data from multiple sources and extract relevant information.
- Developed and maintained dashboards in Business Intelligence (BI) tools to visualize data insights and KPIs.
- Collaborated with cross-functional teams and acted as the POC (Point Of Contact) for customer needs, to develop data-driven strategies and solutions to understand data content and business requirements.
- Trained and mentored junior analysts on data analysis techniques and best practices.

QA Analyst, Seven Hexa, Gujarat, India Apr 2018 - Oct 2019

- Analyzed technical and functional user requirements in collaboration with clients, Product Owners, and Developers, ensuring comprehensive coverage of 50+ test cases and scenarios.
- Proficient in the software development life cycle (SDLC) and software testing life cycle (STLC), including experience in developing testing programs that address areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests.
- Conducted API Testing with Postman to verify compliance with required specifications and proper functioning.
- Drafted testing reports, reducing data to key insights that helped increase team efficiency by 31%.
- Used project management tools, such as Agile and Scrum, to manage complex projects and ensure timely delivery.

Mathematics Lecturer, Narayan Education Pvt. Ltd, Gujarat, India Jun 2016 - Mar 2018

- Facilitated engaging math instruction and mentored 60 students in various math concepts such as statistics, probability, matrix, and linear equations.
- Implemented a step-by-step problem-solving method for algebra, geometry, and trigonometry, which helped students to apply mathematical principles and reasoning to real-world problems.
- Developed and implemented data tracking systems to monitor student attendance, behavior, and academic progress.
- Created excel spreadsheet for weekly and monthly reports, to analyze student performance data and identify trends and patterns.

EDUCATION:

University of Toronto School of Continuing Studies Aug 2022 - Feb 2023

- Certificate in Data Analytics & Visualization

Gujarat Technological University Sep 2013 - Jul 2015

- Master's in engineering

Gujarat Technological University Jun 2009 - July 2013

- Bachelor's in engineering

CERTIFICATES:

Data Analysis and Visualization, Udemy.com Oct 2022

Introduction to Python, Data camp May 2022

Android Development, Vedansh Infoway Pvt. Ltd Apr 2016