

Nirav Patel

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Data Analyst

DATA CLEANING | ANALYSIS | STATISTICAL | VISUALIZATION

Proven data analyst with one year of experience in mining, interpreting, and presenting large datasets to improve spend efficiency across organizations. Led the implementation of new data analysis system and achieved a 15% reduction in errors and 20% increase in data accuracy. Adept in collaborating with cross-functional teams and delivering projects on time and on budget.

Key Skills

Data Analysis and Visualization: Data cleaning and preparation, Data analysis and exploration, Statistical skills, Data visualization, Reports generation, Data analytics

Technical Proficiency: SQL, Spreadsheet software (Microsoft Excel, Excel), Tableau, Power BI, R, MATLAB, GCP (Google Cloud Platform), Data warehousing, Database, Data processing, Data engineering, Python

Business Insights and Strategies: Domain knowledge, Business strategies, Customer journey insights, Consumer insights, Growth strategies, Communication skills.

Project Management and Collaboration: Project management, Research, Teamwork, Attention to detail, Self-motivated, Jira

Other Skills: Critical thinking, Problem-solving, Validation, Root cause analysis, Application analytics

Query and Database: Query, SQL, Database, Data warehousing

Programming and Development: Programming language, Programming, Process improvement, Problem-solving, Innovative, Implementation, Application development, Data structure

Professional Experience

Evertz Microsystems Ltd

Server Assembler

Burlington, Ontario

06/2023 - Present

- Achieved an outstanding 92% accuracy rate in Assembly Drawings, Test Procedures, and Bill of Materials, ensuring precise assembly and minimizing errors.
- Conducted initial functional tests on 85% of servers, ensuring proper functionality, boot-up, BIOS checks, and reducing faulty units.
- Expertly installed and configured error-free Linux-based software on 80% of servers, ensuring smooth operation and customer satisfaction.
- Actively contributed to team-building activities, fostering a collaborative and team-oriented culture among team members.

L.N. Engineering

Data Analyst

Ahmedabad, India

06/2020 – 07/2021

- Executed tasks effectively and efficiently, resulting in a 15% increase in departmental productivity
- Demonstrated strong ability to do quality work for the usual projects that an individual would be assigned at this level
- Analyzed large sets of data, resulting in a 10% increase in efficiency and productivity
- Collaborated with cross-functional teams to deliver on-time and on-budget projects and initiatives.

Education

Conestoga College - GPA: 3.80

Post Graduate Certificate in Cloud Data Management

Kitchener, Ontario

01/2022 – 05/2023

- Applied project management principles to facilitate the completion of document management tasks and projects.
- Identified legal, ethical, and intellectual property issues in enterprise content management projects and proposed strategies to address these issues.

Gujarat Technological University – CGPA: 8.13

Bachelors in computer science

Gujarat, India

07/2017 – 06/2021

- Gained expertise in operating systems such as Windows, Linux, and Unix, including installation, configuration, and maintenance.
- Gained experience in managing enterprise-level security, including firewalls, intrusion detection/prevention systems, and anti-malware tools.

Projects

Sales Performance Analysis and Forecasting

- **Objective:** Conducted an in-depth analysis of historical sales data to provide actionable insights and accurate sales forecasts, aiding in strategic decision-making for a retail company.
- **Data Gathering and Cleaning:** Collected multi-year sales data from various sources and standardized formats. Cleaned and transformed the data, addressing inconsistencies and missing values to ensure data accuracy.
- **Exploratory Data Analysis (EDA):** Conducted EDA to uncover trends, patterns, and correlations within the sales data. Visualized sales trends by region, product category, and time using graphs and charts.
- **Interactive Dashboard:** Developed an interactive dashboard using Tableau, allowing stakeholders to explore historical sales data, visualize forecasts, and dynamically adjust parameters for different scenarios.

Market Basket Analysis for Cross-Selling Optimization

- **Objective:** Analyzed transaction data for a retail company to identify frequently co-occurring products and optimize cross-selling opportunities.
- **Data Preparation and Transformation:** Extracted and cleaned transactional data, transforming it into a suitable format for analysis. Removed duplicate entries and ensured data consistency.
- **Association Rule Mining:** Utilized the Apriori algorithm to discover significant associations between products. Extracted frequent item sets and generated actionable rules such as "If A is purchased, then B is likely to be purchased."
- **Business Impact:** Increased average transaction value by 80% through effective cross-selling. Presented the findings and strategies to the management team, demonstrating the project's contribution to revenue growth.

Certifications

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate

12/2022

03/2023