

Yantrik Patel

Data Analyst, Data Engineer, ML Engineer, ETL Developer
SQL, Tableau, Python, Excel

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I am a Data Professional who is expert in communicating Data insights to the rest of the company. Experienced in designing and monitoring KPIs. Data and Statistics have been a part of my life from a long time especially as an Engineering student and SCM professional in big organizations. With my experience in problem solving, communication and technical skills I can contribute well to company's Business and Analytics department.

EDUCATION

M S University of Baroda, Bachelor of Engineering

2011

DATA ANALYTICS TRAINING & CERTIFICATIONS

- [Google Professional Data Analytics Certification](#), GOOGLE
- [Machine Learning Specialization](#) by DeepLearning.AI and Stanford University

DATA ANALYTICS & VISUALIZATION PROJECT EXAMPLE

- **ML Python Web Scraping and Sentiment Analysis:** In this project I web scraped Food Reviews of Yelp website and done Sentiment Analysis. I have used BeautifulSoup for web scraping and NLP models like VADER, ROBERTA and BERT for sentiment analysis.
- **ML Python Stock Market Prediction:** In this project I tried to create a ML Model that predicts the next day price movement of S&P500 Index.
- **ML Python BigMart Sales Prediction:** With this project, I have tried to analyse BigMart Sales data and choose best Machine Learning model to do sales prediction. I have used Python ML Algorithms and Metrics to determine the best performing model.
- **SQL_HR Employee Attrition Analysis:** Used SQL(MySQL) to examine the data. Used CTE, Windows Functions and Temporary Table in queries. The factors contributing to employees leaving and staying in organization have been analysed.
- **SQL_UK Accidents 2016 analysis:** Used SQL(MySQL) to query the data. Used JOIN, Group by and Order by in queries. Analysed data about place and conditions under which accidents took place.
- **Python_EDA of IPL Cricket Matches:** Used Python for carrying out Exploratory Data Analysis on all IPL Cricket Matches from 2008-2022. Compared Teams and Individual players' performance in different match conditions.
- **R_Cyclist Bike Share Google Capstone Project:** Identified the different behaviour and trend of the two types of customers and how company can act on it. Used R programming language for Data Cleaning, Processing and Visualization.
- **Tableau_USA Customer Analysis of retail sales Dashboard:** Used Tableau to design interactive dashboard to show state, region, month, age and gender wise revenue, Quantity – Discount Correlation.

WORK HISTORY

Data Engineer/ETL Developer

Ridgehead Software Inc. CO, USA

May 2023 – Present

- Designed meticulous database schemas, encompassing dimension, fact and transaction tables to enhance data organization and retrieval efficiency.
- Pioneered data migration initiatives to AWS Redshift for warehousing purposes, leveraging AWS Database Migration Service (DMS), AWS Glue, and Amazon S3 for seamless execution.
- Leveraged SSIS for ETL processes, optimizing data integration and facilitating effective decision-making.
- Accomplished three notable Datawarehouse projects for clients, showcasing strong project management and technical expertise.

Data Analyst – Freelancer

May 2022 – April 2023

- Offered solutions to online customers with my expertise in Data Analysis through Advance Excel, SQL, Tableau, PowerBI and Python.
- Creating and presenting Dashboard with Excel, Tableau, PowerBI and PowerPoint.

Global Procurement Analyst/Engineer

Milacron LLC. OH, USA

May 2015 to April 2022

- Reduced monthly past due order quantity by 75-80% by developing an Excel model which tracks the status of orders sent to suppliers.
- Used Excel Formulae and Pivot Table to do statistical Data Analysis for future demand forecasting.
- Implemented Dashboards that improved the visibility of Inventory level of ABC category of items. Achieved 60-70% reduction in stock out scenarios in A class items.

Engineer SCM Analysis

Setco Automotive Ltd. GJ, India

July 2011 to April 2015

- Achieved 80-90% reduction in order duplication by fixing Bill of materials. This also increased accuracy of calculation of monthly buying requirements and budget.
- Saved 30 hours per month by automating dashboard for senior management review meeting.

TECHNICAL SKILLS

- Python (NumPy, Pandas, Matplotlib, Seaborn, ML Algorithms)
- SQL (Microsoft SQL Server, MySQL)
- Tableau/PowerBI
- Advance Excel & PowerPoint
- AWS (Redshift, S3, DMS, Glue)
- SSIS

SOFT SKILLS

- **Analytical thinking & Problem Solving**
 - Saved 15% cost by identifying and removing a premium cost item(outlier) found in Spend Analysis.
- **Communication & Presentation**
 - Compiled teams KPI data into one dashboard to present it to Senior Management.
- **Time Management & Flexibility**
 - Rearranged my work routine to align with the teams from USA, Mexico & China.
- **Human Intelligence**
 - Recognized the inherent strength of individual team member to work with them cohesively.