

Kiran Patel

kiran.p@cvcemail.com | [Portfolio](#) | [Github](#) | [LinkedIn](#) | +1(801)-200-3196 | Chicago, IL

PROFESSIONAL SUMMARY

- 3+ years of experience as data analyst, providing support in the areas of project coordination, data analysis, and metrics reporting.
- Expertise in extracting actionable insights by analyzing data using Statistical Analysis, Predictive Modeling & Forecasting.
- Hands-on experience in SQL database coding and Python libraries with expertise in designing, building, and implementing data analytics using Tableau and Power BI.

SKILLS

- **SDLC Methodologies:** Agile, Waterfall
- **Programming Language:** Python (NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-Learn), R (Ggplot2, Dplyr), SQL
- **Visualization Tools:** Tableau, Power BI
- **Database:** MS SQL Server, My SQL
- **IDEs:** Jupyter Notebook, PyCharm
- **Other Tools:** Git, MS Office, MS Excel (VLOOKUP, Macros, VBA, Pivot tables)
- **Statistics & Machine Learning:** Linear and Logistic regression, KNN, Decision Trees & Random Forests, SVM, K-Means Clustering
- **Certification:** Google Data Analytics Professional Certificate

EXPERIENCE

PNC Financial Services

Jan 2021 – Present

DATA ANALYST

ILLINOIS

- Worked with the strategic finance team at PNC, performed Financial Analytics like customer churn and financial forecasting, build business health dashboards for automation and reporting and built ETL data pipelines for faster data processing.
- Interpreted and presented results by creating presentations and dashboards that communicate a succinct and compelling business story, driving decisions through research results (to technical and non-technical audiences).
- Followed Agile work methodology and provided status reports to upper management.
- Designed models for loan prediction, forecast efficiency and customer retention for PNC in all regions.
- Built interactive dashboards to make data-driven decisions for the team; Leveraged machine learning models and data mining to uncover insights.
- Generated various capacity planning reports (graphical) using Python packages like NumPy, Pandas, SciPy, and Matplotlib.
- Built & automated reporting processes using Python scripting, and visualizations Tableau to make data-driven decisions.

ITInfoLab Technologies

Jan 2015 – Jan 2017

DATA ANALYST

INDIA

- Developed Business Intelligence (BI) Dashboards using Tableau for KPI monitoring and trend analysis by integrating data from multiple sources and performing ETL activities.
- Built ETL that ingested transactional and event data with 10,000 daily active users that saved external vendor costs.
- Worked with clients to understand business needs and translate those business needs into actionable reports in Tableau saving 16 hours of manual work each week.
- Involved in creating database objects like tables, views, procedures, triggers, functions using SQL to provide structured data to business units by combining millions of rows of data from different data sources.
- Built robust forecasting using parameters, trend lines, and reference lines that were reported directly to the client for quarterly reports.
- Worked across marketing and product business units to build out the reporting infrastructure in Tableau from the ground up.
- Prepared dashboards using calculated fields, parameters, calculations, groups, sets, and hierarchies in Tableau.

Meta Systems

Aug 2013 – Jul 2014

DATA ANALYST

INDIA

- Performed data preparation, modelling and analysis in SQL for Data Manipulation and Aggregation for semi-structured & unstructured data.
- Used existing data sources and SQL, to design at least 1-2 Tableau dashboards per week that can be dynamically filtered by the end-user to show trends based on specific levels of detail for the audience.
- Interacted with multiple stakeholders to understand business and data requirements and analyzed complex datasets and created models to interpret and predict patterns in the data using time series analysis, forecasting, linear regression analysis.
- Evaluated complex datasets at a fast pace including independent data quality assessments, synthesizing what the data represents, identifying anomalies trends, and developed logical conclusions.
- Designed and developed meaningful reports and appealing visual aids that drive informed dialog and strategy development with internal and external stakeholders.

EDUCATION

Master of Science (MS), Electrical and Computer Engineering | University of Illinois at Chicago, IL

May 2021

Master of Technology (MTech), Electrical Engineering | National Institute of Technology, Rourkela, India

Jul 2016

Bachelor of Engineering (BE), Electronics and Telecom. Engineering | Shri Shankaracharya College of Engg and Tech.

Jul 2013