

Vishwas Modhera

Data Engineer (Analytics)

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Surat, Gujarat, India.

Data Engineer in Analytics with 1.5 years of experience in the finance domain. Solves business problems using Python, SQL and PowerBI. Looking for growth opportunities in the data domain.

Skills

Data Analysis, Data Warehousing, Data Engineering, Data Visualization & Reporting, Teamwork, Problem Solving, Cross-functional Collaboration, Product Ownership, PowerBI, Power Automate, Python, Pandas, NumPy, SQL, Snowflake, PostgreSQL, Git, SQL Server, MS Excel, DSA, OOPS, C++, Linux.

Experience

Piramal Capital and Housing Finance Ltd (23rd June 2021 – 17th November 2022)

Data Engineer (Analytics) - Deputy Manager

- Productivity Booster Contest: Collaborated with the Sales Planning team to boost and incentivize higher productivity. Orchestrated and implemented ETL architecture to keep MIS of 6000 employees and to carry out analytical tasks. Implemented SCD mechanism to track the change in the employee's change in ranking. Observed jump of ~15% in employee activity and ₹200crs in disbursements. Technologies used - SQL (Snowflake), Python, Airflow, PowerBI, MS Excel.
- Portfolio Risk Tracking: To actively track the risk factor in portfolio for different cohorts, worked closely with the risk analytics team, performed ETL, created a data mart to store risk-relevant data points to facilitate further analytical tasks. Presented the findings and status tracking to the executives using a dashboard. Technologies used - SQL (Snowflake), Airflow, PowerBI, Python.
- Portfolio Policy Tracking: To diversify the lent capital, implemented an auto alert mechanism which would alert the stakeholders when a KPI (AUM, disbursements, 30+, 90+ numbers) would breach the thresholds. Technologies used - PowerBI, Power Automate, Outlook.
- Performance Reform Plan: Devised a construct with the HR analytics team to identify the set of employees performing inadequately and inform the respective BHRs. Performed ETL, created an MIS that would record employee's performance in a respective incentive cycle, record their PRP entry/exit status. Helped improve performances of 110 employees so identified.
- SCD SOR Employee Table: To track assignment history of employees, spearheaded development on SOR layer of employees using SCD mechanism. Developed SOR logic from scratch. Successfully deployed in production and helped in thorough analysis. Tech used: Python, Snowflake, Airflow.

Education

- 8.62 CGPA in B.Tech. CSE - *Indian Institute of Information Technology, Surat (2017-2021)*
- 95.2% in 12th grade – *Kendriya Vidyalaya No.1, Surat. (2016-2017)*

Achievements

- Represented India in India-Japan Sakura Student Exchange 2016.
- Stood 3rd in 12th grade in Ahmedabad region, felicitated by Smt. Smriti Irani.

Certifications

- Datacamp Certified: [Introduction to Data Science in Python](#), [Intermediate Python](#).
- Participated and completed Hacktoberfest 2020.