

VISHWAS MODHERA

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Data Analytical Engineer with 1.5 years of experience in an up and coming lending company, looking for growth opportunities in the data science and analytics domain.

Piramal Capital and Housing Finance Limited, Bangalore, KA
Deputy Manager - Data Analytics Engineer

23rd June 2021 - 17th Nov 2022

- **Productivity Booster Contest** : Collaborated with the Sales Planning team to boost incentivise 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.
- **SoR Layer - Employee DB** : To track assignment history of employees, spearheaded development on SoR layer of employees using SCD mechanism. Successfully deployed in production and helped in thorough analysis.

B.Tech. (CSE) - *Indian Institute of Information Technology, Surat.*

8.62 CGPA

Aug 2017 - Jun 2021

12th Grade - *Kendriya Vidyalaya No.1 Surat.*

95.20 %

Apr 2016 - Apr 2017

Skills

Data Analysis | Data Warehousing | Data Engineering | Data Visualisation and Reporting | Flexibility & Teamwork | Complex Problem Solving | Cross-functional Collaboration | Product Ownership | Query Resolution | PowerBI | Power Automate | Python | Pandas | Numpy | Matplotlib | Seaborn | SQL | Snowflake | PostgreSQL | MS Excel | DSA | OOP | C++ | Linux |

Certifications & Achievements

Hacktoberfest 2020 | Datacamp certified - [Intro to DS](#), [Intermediate Python](#) | Represented Ahmedabad region in Japan-India student exchange program | 3rd in Ahmedabad in 12th grade, acknowledged by Smt. Smriti Irani |

Interests

Photography | Reading Literature | Exploring medium articles | UI/UX | Bike Riding | Gaming | Anime |