

Vishwas Modhera

Data Analytics Engineer

vmodhera7@gmail.com - [LinkedIn](#) - +91-9574188861

Databricks certified analytical engineer with 2.5 years of experience in Finance, HR, Marketing and Retail domain.

SKILLS

- Data Analysis, Data Warehousing, Data Engineering, Visualisation and Reporting
- Python, PySpark, Azure Databricks, Snowflake, DBT, MySQL, PostgreSQL, DuckDB, SQL, PowerBI, Tableau, Power Automate, Git, Talend, MS Office, Pandas, AWS Redshift, Airflow

PROFESSIONAL EXPERIENCE

Tredence Inc.

(Feb 2024 - Present)

Data Engineer Consultant

Pune, Maharashtra

- Fortune 50 Client: Responsible for creating and maintaining ETL pipelines to ingest raw data from Kafka event hub to Azure Databricks environments. Used PySpark and DLTs in Databricks to achieve this.
- Fortune 50 Client: Responsible for designing Medallion architecture & dbt models keeping while optimizing the loading strategies. Worked with analysts to create features in platinum layer from these models.

Aretove Technologies Pvt Ltd

(May 2023 - Feb 2024)

Associate Data Engineer

Pune, Maharashtra

- Monitoring & Automation: In-charge of creating and maintaining ETL processes and validation of daily business numbers. Automated the validation process to save 3000 hours of manual work using Python and shell scripting.
- Ingestion & Migration: Ingested data from APIs, SFTPs, databases into staging in SCD type 2 format. Migrated 250GBs of data using Talend and migrated transformation logic to DBT. Leveraged SQL and Jinja to test freshness, consistency and cardinality of incoming data using DBT.
- BI Report Development: Developed and monitored BI reports to track marketing ROAS, Revenue, and KPIs like CAC, AOV, conversion rate and retention costs.

Piramal Capital & Housing Finance

(Jun 2021 - Nov 2022)

Data Engineer

Bangalore, Karnataka

- 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. Spearheaded the implementation of SCD mechanism to track the change in the employee's rank. Observed jump of ~15% in employee activity and ₹200crs in disbursements.
- Portfolio Risk & Policy 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. 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.
- 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.

EDUCATION

- **IIIT Surat** B.Tech in CSE (8.62 CGPA) (Aug 2017 - Jun 2021)
- **Kendriya Vidyalaya No. 1 Surat** (95.2% in 12th) (Apr 2016 - Mar 2017)

ACHIEVEMENTS & CERTIFICATIONS

- Databricks Certified Associate Data Engineer.
- Datacamp Certified: Introduction to Data Science in Python, Intermediate Python.
- Represented India in India-Japan Sakura Student Exchange 2016. Felicitated by the then Education Minister, Smt. Smriti Irani.