Vandan Thakar

Mumbai, India

📱 7678003930   ✉ vandanthakar13@gmail.com   in LinkedIn   ⦿ GitHub

EDUCATION

SVKM's Dwarkadas J. Sanghvi College of Engineering — Mumbai
B.Tech in Computer Engineering; GPA: 8.60 — *2022 – 2026*

Rustomjee Int. School & Junior College — Mumbai
HSC Science; 70.5% — *2020 – 2022*

M. K. V. Valia International Vidyalaya — Mumbai
CBSE 10th; 87.2% — *2010 – 2020*

Coursework: Business Analytics, Data Visualisation, Statistics, Data Analysis

TECHNICAL SKILLS

Languages: Python, SQL (PostgreSQL, MySQL), C/C++, HTML/CSS

Libraries/Tools: Pandas, NumPy, Matplotlib, Seaborn, Sklearn, Git, Bash

BI/Analytics: Power BI, Tableau, Advanced Excel (PQ, VBA, Pivoting)

EXPERIENCE

Data Analyst Intern — Quantissential — Mumbai, India
Financial Data Analytics — *Nov 2025 – Present*

- Extracted and cleaned financial PDFs (CRISIL & CARE Default/Transition Studies) into structured datasets using Python and Excel automation.
- Built transformation pipelines to aggregate yearly default, transition, and rating movement statistics.
- Collaborated with senior analysts to design end-to-end credit risk data workflows and reporting automation.

PROJECTS

Credit Risk Modelling System — *Python, Sklearn, Excel, Power BI*

- Built Probability of Default (PD) models using logistic regression and survival analysis.
- Engineered credit-risk features and implemented LGD/EAD estimation frameworks.
- Created Power BI dashboards visualizing portfolio risk and exposure patterns.

AI-based Customer Lifetime Value Prediction — *Python, Sklearn, Pandas*

- Predicted long-term CLTV using RFM features, regression, and deep-learning models.
- Performed customer segmentation using K-Means to identify high-value cohorts.
- Built dashboards showing retention patterns and revenue projections.

AI-powered Anomaly Detection System — *Python, Autoencoders, SQL*

- Implemented Isolation Forest and Autoencoder models for anomaly detection.
- Processed large datasets using SQL pipelines and behavioral feature extraction.
- Generated alerts & visual insights for early detection of suspicious activities.

CERTIFICATIONS

1. **IBM Intermediate Course: Data Analysis with Python**
2. **PowerBI For Beginners**
3. **Tata Group – Data Visualisation: Empowering Business with Effective Insights (Forage) — June 2025**
4. **Tata Group – GenAI Powered Data Analytics (Forage) — June 2025**
5. **Deloitte Australia – Data Analytics Job Simulation (Forage) — June 2025**

SOFT SKILLS

Analytical Thinking • Problem Solving • Attention to Detail • Business Acumen

Communication • Critical Thinking • Collaboration • Adaptability