

## TARUN KALE

Microsoft & IBM Certified Data Analyst | SQL | Python | Power BI | Reporting & Insights

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Portfolio: [tarunkumarkale.github.io/PortFolio](https://tarunkumarkale.github.io/PortFolio)

## TARGET ROLE

Data Analyst | Business Analyst | Reporting & Insights Analyst

## PROFESSIONAL SUMMARY

Certified Data Analyst skilled in SQL, Python, Power BI and Excel. I started my career as a Trainee Developer where I worked on data validation, reporting workflows and basic UI/API issues. During this time, I completed Microsoft and IBM certifications and built three analytics projects in banking, revenue and HR. I enjoy cleaning data, creating KPIs and building dashboards that help teams make decisions.

## PROFESSIONAL EXPERIENCE

### Trainee Developer (Data Workflow & UI Support)

Tek Analytix | Pune | Jun 2022 – Mar 2023

- Worked with analytics and UI teams on daily data validation and reporting tasks.
- Cleaned and checked datasets used for internal dashboards to reduce errors and improve report accuracy.
- Supported debugging of UI/API issues that affected data flow and helped stabilize reporting workflows.
- Created basic documentation and data-mapping sheets to clarify requirements and support cross-team work.
- Developed responsive UI components using React.js, Tailwind CSS, and Firebase authentication.

### Upskilling & Transition | Apr 2023 – Nov 2025

- Focused on skill development (MERN self-study, then Data Analytics training).
- Completed Microsoft & IBM certifications and Naresh IT Data Analyst program.
- Built three end-to-end analytics projects using SQL, Python, Excel & Power BI.

## PROJECTS

### Banking Risk Analytics (Main Project)

Tools: Python, SQL, Power BI

- Analyzed 5,000 customer profiles to identify financial risk patterns using EDA and segmentation.
- Improved dataset accuracy by 25% through cleaning and feature engineering.
- Built a Power BI dashboard with 10+ KPIs, reducing manual reporting time by 40%.
- Identified high-risk customer segments using credit utilisation, income bands and account activity metrics.

## **NYC Taxi Revenue Optimization**

Tools: Python, Pandas, SciPy

- Cleaned and processed 500,000+ trip records, removing anomalies and engineering trip duration.
- Conducted a T-test proving a significant revenue difference between card and cash payments.
- Found a strong positive correlation ( $r = 0.906$ ) between fare and duration, improving pricing insights.
- Identified that card users generate higher fares, guiding revenue-boosting strategies.

## **HR Attrition Insights**

Tools: Power BI, SQL

- Analyzed 1,473 employee records to identify key attrition drivers using segmentation and KPI analysis.
- Built interactive dashboards reducing HR reporting effort by 50%.
- Identified salary <5K, early tenure (0–3 years), and specific job roles as major attrition factors.
- Provided data-driven recommendations improving retention strategy and workforce planning.

## **SKILLS**

### **Analytics & BI:**

EDA, Feature Engineering, KPI Design, Dashboards, Reporting Automation, Data Storytelling, Hypothesis Testing

### **Technical Tools:**

Python (Pandas, NumPy, Matplotlib, Seaborn, SciPy)

SQL (Joins, CTEs, Window Functions, Aggregations, Subqueries)

Power BI (DAX, Power Query, RLS, Power BI Service)

Excel (Pivot Tables, Lookups, Power Query, Data Cleaning)

### **Business & BA Skills:**

Business Requirements Gathering, Stakeholder Communication, Process Documentation, Data Validation, User Stories, Problem-Solving Frameworks

## **CERTIFICATIONS**

Microsoft + LinkedIn — Career Essentials in Data Analysis

IBM — Data Analysis with Python

IBM — Data Visualization

Naresh IT — Data Analyst & Business Analyst Training

## **EDUCATION**

B.E. — Electronics & Communication Engineering

OIST Bhopal (2016–2020)

