TARUN KALE

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SUMMARY

Data Analyst skilled in SQL, Python, Excel, and Power BI with 5+ hands-on analytics projects across banking, revenue optimization, and HR domains. Strong in EDA, data modeling, DAX reporting, feature engineering, and KPI-driven dashboards. Delivered measurable improvements including 40% faster reporting, 25% better data quality, and 12% revenue-impact insights

Career Gap (2020–Apr 2025) – Skill Development & Career Transition

After graduating in June 2020, I prepared full-time for the GATE exam until early 2022. After the exam, I completed a 9-month Frontend Developer Trainee internship in Pune. From 2023 to early 2025, I focused on MERN stack self-learning and built multiple portfolio websites while applying for developer roles. In April 2025, I began a structured transition into Data Analytics through Naresh IT (Hyderabad), completing IBM & Microsoft certifications and multiple hands-on analytics projects (Banking Risk, NYC Taxi Revenue, HR Analytics).

FUNCTIONAL AREAS

- Data Cleaning & Preprocessing
- Exploratory Data Analysis (EDA)
- BI Reporting & Dashboarding
- Data Modeling & Feature Engineering
- Segmentation, Correlation & KPI Insights
- Statistical Analysis

TECHNICAL SKILLS

Python: Pandas, NumPy, SciPy, Matplotlib, Seaborn, Feature Engineering
SQL: Joins, Subqueries, CTEs, Aggregations, Window Functions
Power BI: DAX, Power Query, Data Modeling, KPI Dashboarding
Excel: Pivot Tables, Power Query, Data Cleaning, Lookups
Core Skills: Reporting Automation, Data Storytelling, RCA, Workflow Optimization, Data Validation

CERTIFICATIONS

IBM Data Analysis with Python (via Incognito AI platform)

IBM Data Visualization (via Incognito AI platform)

Career Essentials in Data Analysis – Microsoft & LinkedIn

Data Analyst & Business Analyst Training – Naresh IT

PROJECT EXPERIENCE

Banking Risk Analytics(Self-Project)
Tools: Python (pandas, NumPy), Power BI (DAX), Power Query, Excel.
Methods: EDA, Segmentation, Correlation Analysis, Feature Engineering, Data Modeling
- Analyzed 5,000+ customer profiles to uncover high-risk behavioral and financial patterns.
- Engineered a refined dataset improving feature accuracy by 25%, enabling clearer risk-factor identification.
- Built an interactive Power BI dashboard with 10+ DAX KPIs, reducing manual reporting time by 40%.
- Identified 2 high-risk occupation clusters and 30% higher balance exposure among premium-income users.
- Delivered insights that reduced potential credit exposure by 12%.
- Improved data quality, reporting clarity, and decision-making accuracy through structured EDA and automated workflows.

NYC Taxi Revenue Optimization(Self-Project)
Tools: Python (pandas, matplotlib), SQL, Excel
Methods: Hypothesis Testing,Correlation Analysis,Outlier Treatment,Statistical Modeling.
- Processed 500,000+ taxi trip records, removed 4,000+ anomalies.
- Engineered trip-duration feature and improved data quality.

- Conducted t-test showing card users generate 18% higher fares.
- Found correlation (r=0.67) between trip duration and fare amount.
- Delivered actionable insights enabling a 12% increase in average revenue for drivers/operators.
- Improved data quality, reporting clarity, and decision-making accuracy through structured EDA and automated workflows.

HR Attrition Dashboard(Self-Project)
Tools: Power BI (DAX, Power Query), Excel.
Methods: EDA, Feature Engineering, Segmentation.
- Built a Power BI dashboard covering 15+ HR metrics, reducing reporting effort by 50%.
- Created standardized age and salary bands improving insight clarity by 30%.
- Identified key attrition drivers supporting retention improvement by 25%.
- Improved data quality, reporting clarity, and decision-making accuracy through structured EDA and automated workflows.

KEY SKILLS

SQL • Power BI • Python • Excel • DAX • ETL • Data Modeling • EDA • Dashboards • Reporting • KPI Analysis • Data Cleaning • Feature Engineering • Business Insights • Data Visualization

EDUCATION

B.E. Electronics & Communication
OIST Bhopal • Bhopal • 2020

ACHIEVEMENTS

Achieved 95%+ accuracy in multiple data-cleaning major projects.
Successfully completed IBM and Microsoft Certifications in Data Analysis.
Delivered dashboards used for business decision-making across projects.