

PRAKHAR YADAV

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EDUCATION

Bachelor of Technology | IIT Roorkee

PG [Certificate](#) in Management | Global Governance Initiative

PORTOFOLIO PROJECTS

Hospitality – Hotel Bookings Data Analysis ([Link](#))

- Analyzed multi-city hotel chain bookings using SQL & Power BI, tracking metrics like Revenue, RevPAR, Occupancy, ADR, DSRN, DURN, DBRN, and Realization.
- Built a dashboard to visualize booking patterns, room utilization, and revenue trends.
- Key Insight: Identified periods of low occupancy despite high ADR, suggesting pricing optimization opportunities.

Cab Service – Ride Data Analysis ([Link](#))

- Processed large-scale cab ride data with SQL queries and created a Power BI dashboard for KPIs.
- Tracked Revenue, Trips, Average Fare, Vehicle Utilization, and Peak Demand Hours.
- Key Insight: Discovered peak rides during weekday evenings and underutilized vehicles in specific zones, suggesting route optimization.

Blinkit – Retail & Inventory Analytics ([Link](#))

- Conducted sales & inventory analysis for Blinkit dataset using SQL + Power BI.
- Designed KPIs such as Est. Quantity Sold, Active Listings, Category Performance, and Inventory Turnover.
- Key Insight: Highlighted fast-moving categories (Fruits & Vegetables) vs. slow-moving ones, enabling inventory optimization.

HR Analytics – Employee Insights Dashboard ([Link](#))

- Analyzed HR data using SQL and built a Power BI dashboard to monitor workforce metrics.
- Tracked Headcount, Attrition, Average Age, Salary Distribution, and Department-wise Diversity.
- Key Insight: Identified ~20% attrition in the Sales department, signaling need for retention strategies.

Sales Insights – Company Sales Data Analysis (2017–2020) ([Link](#))

- Analyzed 4 years of company-wide sales data using SQL & Power BI to identify growth patterns.
- Dashboard included Revenue Trends, Top Customers, Product Performance, and Regional Sales.
- Key Insight: Achieved ₹985M revenue with 2M units sold; Delhi NCR & Mumbai drove ~65% of revenue, while top product (Prod090) sold 278K units. Revenue peaked in 2018–2019 but declined in 2020, indicating business slowdown.

TECHNICAL SKILLS

Tools and Languages

- SQL, MS Excel (Advance), Power BI, Python, DAP (ETL Tool)
- Google Analytics, Data Studio, Power BI, Airflow, Gitlab, Google Bigquery, Metabase
- Anaconda Navigator, Datagrip, Redshift, Snowflake, Tableau.

Skills

- Root Cause Analysis, Exploratory Data Analysis, Machine Learning, Data Analytics
- Funnel Analysis, Portfolio Performance.