Govind Krishnan

Data Analyst | Power BI | SQL | Python | Data Visualization & Dashboards

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Professional Summary

Data Analyst with hands-on experience in Power BI, SQL, Python, and Excel, specializing in dashboard development, KPI analysis, and reporting automation. Proven ability to analyse large datasets, uncover actionable insights, and support data-driven business decisions.

Experience

Analyst – Capgemini | Mar 2024 – Present

- Designed and delivered daily, weekly, and monthly performance dashboards using Power BI and Excel for business stakeholders.

- Monitored operational KPIs including productivity, accuracy, SLA compliance, and trend deviations to track performance.

- Automated recurring reports, reducing manual reporting effort and improving turnaround time.

- Cleaned, transformed, and validated large datasets to ensure high data accuracy and reporting reliability.

- Collaborated with team leads and stakeholders to identify performance gaps and recommend data-driven improvements.

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Projects

Amazon Sales & Profit Analysis | Power BI, SQL, Python

- **Situation:** Required clear visibility into Amazon sales performance, profitability, seasonality, and logistics efficiency across regions.

- **Task:** Analyse multi-year sales data to identify revenue trends, top-performing locations and categories, and operational bottlenecks.

- **Action:** Analysed $3.59M in sales and $108.42K profit using SQL and Python; performed year-wise, month-wise, city, state, and category-level analysis; built an interactive Power BI dashboard with KPI tracking and drill-down insights.

- **Result:** Identified 2014 as peak sales year ($1.27M), December as highest-performing month ($0.64M), Los Angeles ($0.87M) and California as top contributors, Tables and Phones as leading categories, and logistics delays (~7 days) in select cities indicating optimization opportunities.

Electric Vehicle (EV) Market Adoption Analysis | Python, Power BI

- **Situation:** Stakeholders needed insights into EV adoption growth, vehicle preferences, geographic concentration, and efficiency metrics to assess clean energy transition.

- **Task:** Analyse large-scale EV registration data to identify adoption trends, dominant vehicle types and manufacturers, and regional hotspots.

- **Action:** Analysed 150,480 EV records using Python (Pandas, NumPy); conducted time-series, vehicle-type, manufacturer, and geographic analysis; developed Power BI dashboards with KPIs, trend charts, and heatmaps.

- **Result:** Found BEVs dominating adoption (78%), rapid growth during 2015–2020 with post-2020 stabilization, Seattle as top adoption city (26K vehicles), Tesla as market leader (69K vehicles), and only 46.52% CAFV eligibility indicating incentive-driven growth potential.

Global GDP & Economic Trends Analysis (2020–2026) | Power BI, Python, SQL

- **Situation:** Required a consolidated view of global economic recovery and growth trends following the COVID-19 period.

- **Task:** Evaluate multi-country GDP data to compare major economies, calculate growth metrics, and forecast future trends.

- **Action:** Cleaned and aggregated GDP data using Excel and SQL; calculated total GDP growth (32.58%) and average global CAGR (5.80%) using Python; built Power BI dashboards with trend, geographic, and forecast visuals.

- **Result:** Identified steady post-pandemic recovery, India as the fastest-growing major economy (9.38% forecast growth), the U.S. as the largest economy by GDP, and Asia-Pacific as the primary driver of global expansion.

Skills

- **BI & Visualization:** Power BI, Dashboard Development, KPI Reporting, Data Visualization

- **Data Analysis:** SQL, Exploratory Data Analysis (EDA), Data Modelling, DAX

- **Programming & Tools:** Python (Pandas, NumPy), Microsoft Excel

- **Data Engineering Concepts:** ETL, Data Cleaning, Data Validation

- **Analytics:** Reporting Automation, Business Insights

Education

Bachelor of Technology (B.Tech) – Information Technology
Inderprastha Engineering College | 2019 – 2023

Certifications

- Data Analytics Essentials – Cisco (2024)

- SQL Basic – HackerRank (2024)

- Power BI – PwC Switzerland (2023)

- Excel Skills – JPMorgan Chase & Co. (2023)

- Data Analytics Skill Up – Geeks for Geeks (In Progress)