Prabhat Khemchandani

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Profile

Analytical and detail-oriented Data Analyst with a B.Tech from NIT Bhopal and hands-on experience in SQL, Power BI, and Python. Leveraged 4+ years of UPSC preparation to develop strong research, structured problem-solving, and communication skills. Currently pursuing M.Sc. in Geography with an interest in spatial and business data analysis. Seeking to apply data tools to drive evidence-based decision-making and uncover actionable insights.

Education

NIT Bhopal, B.Tech in Electronics and Communication   *July 2014 – May 2018*
IGNOU, New Delhi, M.Sc. Geography   *Oct 2023 – Present*

Certifications

- **Power BI Workshop**, Office Master   June 2025
- **Google Data Analytics Certificate**   Mar 2025 – May 2025
- **AI Tools Workshop**, Be10X   Dec 2024
- **VHDL and Verilog Course**, CETPA   Dec 2016 - June 2017

Technical Skills

Languages/Libraries: Python (Pandas, NumPy), SQL, HTML, CSS
Tools: Power BI, Tableau, Jupyter Notebook, MS Excel, MySQL
Strengths: Data Cleaning, KPI Reporting, Visualization, Structured Problem Solving

Projects

Swiggy Data Analysis   *SQL*

- Queried and analyzed over 10,000 records to identify top-selling food items and customer retention patterns.
- Improved data quality by cleaning nulls/duplicates, increasing reporting accuracy by 15%.
- Segmented users and identified loyal customers who contributed to 25% of repeat orders.
- Suggested pricing and promotional strategies that could increase order frequency by 12%.

Sales Dashboard for Regional Analysis   *SQL, Power BI*

- Developed 4 interactive Power BI dashboards showcasing revenue, profit margins, and trends across 6 regions.
- Automated ETL workflows in SQL, reducing data refresh time by 50%.
- Identified underperforming regions leading to targeted strategies that boosted sales by 18% in Q2.
- Created executive summary views for stakeholder reporting and monthly forecasts.

Experience

Summer Intern, Northern Railways, New Delhi   *May – June 2016*

- Studied train movement and station interconnections to reduce scheduling overlap.
- Proposed operational changes that could reduce idle train time by approx. 10%.

Trainee, IITM MTNL, New Delhi   *May – June 2017*

- Delivered broadband technical support; resolved over 150+ weekly customer issues.
- Improved first-call resolution rate by 25% using system-level troubleshooting techniques.
- Assisted with optical fiber network diagnostics and field troubleshooting.

Leadership & Extra-Curricular

Management Team Member, NIT Bhopal   *Aug 2016 – Mar 2018*

- Coordinated 3 national fests: **Maffick (Cultural)**, **Technosearch (Technical)**, **Ripple (Literary)**.
- Managed 20+ volunteers, raised Rs.1.5L+ in sponsorships, and hosted 5000+ attendees.
- Oversaw logistics, creative planning, and vendor management for large-scale events.

College Representative, PAN-NIT Conference   *2015 – 2016*
- Represented NIT Bhopal at NIT Jalandhar (2015) and NIT Rourkela (2016) in inter-college forums.