

Prince Singhal

Data Analyst

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Summary

Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI. Skilled in cleaning, analyzing, and visualizing data to generate insights and support data-driven decision-making. Interested in collaborating on meaningful analytical work in fast-paced environments.

Education

B.Tech (Computer Science Engineering) **Graduated: 2025** NIET College, Gr. Noida *CGPA: 7 / 10*

Skills

Programming & Querying: SQL, Python, Java
Data Visualization Tools: Advanced MS Excel, Power BI, Tableau
Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

Experience

EY Global Delivery Services & AICTE (Next Gen Employability Program) **Feb 2025 - Mar 2025**
Web Application Development (MERN Stack) (Remote) *Tools Used: Excel, SQL, Power BI*

- Successfully completed a 6-week internship focused on building modern web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Gained hands-on experience in designing, developing, and deploying full-stack web applications.
- Collaborated with mentors and peers under the Next Gen Employability Program to enhance practical skills in modern web technologies.

Projects

Customer Churn Analysis | Python **March 2025 – April 2025**

- **Analyzed behavior of 7,043 telecom customers** to identify churn patterns based on tenure, contract type, and monthly charges.
- Engineered new features including contract type buckets and tenure bands to improve segmentation and insights.
- Generated 11 visualizations (histograms, box plots, heatmaps) to highlight churn-prone segments.
- Revealed that 38% of churned users were on monthly contracts with less than 3-month tenure—suggested early engagement strategies.

Sales Dashboard for Regional Performance | SQL, Power BI **February 2025 – March 2025**

- Queried and joined 3 sales-related tables covering over 25,000 rows across 12 months and 5 regions using optimized SQL joins to create consistent, analysis-ready datasets.
- Built 10 dynamic measures and KPIs in Power BI to track regional sales, return trends, and product performance.
- Designed multipage dashboards with slicers and filters, helping stakeholders drill down by region, product category, and time.
- Detected 14% sales drop post-festival in the South region. Later, the insight was used for a marketing recovery plan.