# PRASHAST PATHAK

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## EDUCATIONAL QUALIFICATIONS

| COURSE/EXAMINATION | INSTITUTION | YEAR OF PASSING | RESULT |
|---|---|---|---|
| B.Tech | Jaypee Institute of Information Technology,Noida | 2025 | 7.8 (CGPA) |
| CBSE | The Lawrence Public School, New Delhi | 2021 | 94.8% |
| CBSE | The Lawrence Public School, New Delhi | 2019 | 95% |

## INTERNSHIPS

### INTERN || AM ANALYTICS ENLIGHTENING THE WORLD — MAY 2024 - SEPTEMBER 2024

- Spearheaded content creation and engagement strategies during the **Lok Sabha 2024 exit poll**, driving a **30%** increase in audience interaction.
- Systematically collected, evaluated, and documented data for multiple projects, improving accuracy by **25%.**
- Led a team of interns, coordinating tasks and ensuring **100% on-time project completion**.

## PROJECTS

### Road Accident Analysis (Power BI & Excel)

- Analyzed **162,019** rural and **255,864** urban accidents using Excel and PowerBI, identifying key regional accident trends that informed safety improvements in high-risk areas.
- Improved data segmentation by categorizing accidents based on time, location, and severity, helping local authorities prioritize resources and reduce accident rates.
- Streamlined reporting workflows by automating data collection and visualization, cutting report preparation time by **40%**, and enabling faster decision-making for traffic management strategies.

### Pizza Sales Analysis (SQL & Power BI)

- Assessed sales of **49,500** pizzas, generating **$817.8K** in revenue using a combination of SQL queries and Power BI, leading to data-driven insights on top-selling pizza categories.
- Enhanced decision-making by creating a Power BI dashboard segmented by 4 pizza categories and **21,350** orders, resulting in a **15%** boost in targeted promotions and inventory management.
- Streamlined reporting processes by integrating SQL for automated data extraction and Power BI for visualizations, reducing report generation time by **35%** and improving real-time sales monitoring.

### Data Fields Exploration in India (Python)

- Scrutinized job posting data for Data roles in India using SQL and Power BI, identifying **SQL (48.9%)**, **Excel (41.5%)**, and **Python (38.3%)** as the top in-demand skills, influencing job seekers' training focus.
- Correlated skill proficiency with salary trends, discovering that candidates proficient in Power BI and Spark earned median salaries of up to **$111K**, driving **15%** more targeted recruitment strategies.
- Developed graphs to visualize skill demand and salary data, reducing manual analysis time by **20%** and improving recruitment and skill prioritization efforts

## SKILLS

### TECHNICAL SKILLS

- **Language**: Python , SQL
- **Developer Tools**: PowerBI , Excel
- **Libraries**: Pandas, NumPy, Matplotlib, Seaborn
- **Data Analytics**: Data Cleaning, Data Analysis,Statistics

### SOFT SKILLS

- Communication
- Data-Driven Reasoning
- Decision Making
- Precision and Accuracy
- Efficient Time Optimization

## CERTIFICATE

- Data Visualization using **POWERBI**
- Data Analytics and Visualization Job Simulation By **ACCENTURE**
- Introduction to Career Skills in Data Analytics by **LinkedIn Learning**