

# Vishal Singh

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## SKILLS

- **Languages:** Python, SQL, R
- **Libraries/Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, PowerBi, Tableau
- **Databases:** MySQL, MongoDB, Oracle database
- **Soft Skills:** Problem-Solving Skills, Team Player, Adaptability & continuous learning
- **Collaboration tools:** Google Suite, Git & GitHub, Microsoft teams, Trello

## EXPERIENCE

### Program Associate (On-Site)

(Ongoing)

#### CipherSchools

- Streamlined daily operations by meticulously cleaning and managing program data in **Google Sheets** and Excel, ensuring data integrity that enabled leaders to make informed decisions.
- Developed interactive dashboards using **Power BI** to monitor key metrics, providing clear and actionable insights that improved program performance.
- Identified and resolved data anomalies, which significantly improved the accuracy of project reporting and reduced scheduling conflicts.
- Contributed to data-driven reports that provided actionable takeaways, directly improving overall workflow efficiency and supporting strategic planning.

### Data Analyst Intern (Remote)

(Ongoing)

#### Sabudh Foundation

- Transformed raw, unstructured data into clean and reliable datasets, establishing a foundation for accurate analysis and meaningful insights.
- Conducted in-depth exploratory data analysis and developed compelling data visualizations to identify critical patterns and trends for ongoing projects.
- Designed and built comprehensive dashboards and reports, effectively communicating key findings to stakeholders and supporting data-driven decision-making.
- Utilized **Python**, **SQL**, and **Excel** to solve practical business problems, contributing to the development of meaningful solutions.

## PROJECTS

### Jio Churn Analysis

Jan' 25

- Domain: Data Analytics | Technologies: Tableau, SQL, Excel, Python
  - Conducted churn analysis for Jio customers to identify factors influencing customer retention.
  - Processed and cleaned customer data, performing exploratory data analysis (EDA) to uncover trends.
  - Designed interactive Tableau dashboards to visualize key churn metrics, demographics, and usage patterns.
  - Provided data-driven recommendations to improve customer retention strategies based on churn insights.

## CERTIFICATES

- |   |           |
|---|-----------|
| • IBM Data Analyst Professional Certificate   Coursera          | Oct' 22   |
| • Google IT Support Professional Certificate   Google           | Dec' 22   |
| • Crash course on python   Google                               | Dec' 23   |
| • Getting started with Google Workspace Specialization   Google | Aug' 25   |
| • Carrier Essentials In Generative AI   LinkedIn Learning       | (Ongoing) |

## EDUCATION

### Lovely Professional University, Punjab

Master of Computer Application — CGPA: 7.9

2023 – Present

Jalandhar, Punjab

### Lovely Professional University, Punjab

Bachelor of Computer Application — CGPA: 7.5

2020 – 2023

Jalandhar, Punjab

### Army Public School, Jalandhar Cantt, Punjab

12th with Humanities — Percentage — 79%

2019 – 2020

Jalandhar, Punjab