

TANYA SINGH

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst skilled in transforming raw data into actionable insights using Python and SQL. Experienced in data cleaning, exploratory data analysis (EDA), and presenting findings through clear visualizations. Strong analytical thinker with a focus on data-driven decision-making, efficiency, and innovation.

TECHNICAL SKILLS

Languages: Python (NumPy, Pandas, Matplotlib), C++, JavaScript

Databases: SQL, MongoDB (NoSQL), SQLite

Tools: Power BI, Tableau, Power Query Jupyter Notebook, Git, GitHub, Visual Studio code, Excel

Concepts: Data Cleaning & Preprocessing, Data Visualization, OOPs, SDLC, Data Structures, DBMS

PROFESSIONAL EXPERIENCE

Data Analyst | Skillyards (Dec 2024 – Present)

- Developed and maintained data-driven solutions using SQL and Python for data extraction, cleaning, and analysis.
- Designed and optimized relational databases to ensure high data integrity and performance.
- Automated repetitive reporting tasks and improved data processing efficiency using Python scripts.
- Collaborated with cross-functional teams to translate business requirements into actionable data insights and visual reports.

CERTIFICATIONS & TRAINING

- **Full-Stack Web Development** – PW Skills (MERN Stack) | 2023
- **Google IT Automation with Python** – Coursera | 2023
- **Machine Learning** – Internshala (Python, Regression, Clustering) | 2022
- **Core Java** – Prutor.ai (OOPs, Collections) | 2022
- **Android Development** – Udemy (Kotlin, Jetpack Components) | 2024

ACHIEVEMENTS

NPTEL Certifications:

- Software Testing (NPTEL Swayam)
- DBMS & SQL (Infosys Springboard)
- Internet of Things (NPTEL Swayam)
- Internet of Things Industry 4.0 (NPTEL Swayam)
- Developing Soft Skills and Personality Development (NPTEL Swayam)
- Speaking Effectively (NPTEL Swayam)

LANGUAGES

- English (Professional Working Proficiency)
- Hindi (Native)

EDUCATION

B.Tech (Computer Science) BBDITM, Lucknow 7.98	2024
Intermediate (PCM) Simpkins School, Agra 91.8%	2020
High School Simpkins School, Agra 92.6%	2018