

# Suryansh Tyagi

LinkedIn : <https://www.linkedin.com/in/tyagi9/>

GitHub: <https://github.com/Suryanshtyagi12>

Email: [tyagisurya.04@gmail.com](mailto:tyagisurya.04@gmail.com)

Mobile:+919456916996

## SKILLS

- **Languages:** C++, Java, Python, R, SQL, TypeScript, JavaScript
- **Tools/Platforms:** MySQL, Power BI, Tableau, Scikit-learn, TensorFlow, HTML, CSS, Bootstrap
- **Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability

## TRAINING

### Data Science Summer Training | Board Infinity

Jun 2024 – Jul 2024

- Completed an 8-week foundation course in **Data Science**, covering **Python, SQL, Data Analysis**, and Machine Learning.
- Gained hands-on experience through live sessions, recorded videos, and mentorship from industry experts.
- Project: **IMDb Movie Rating Analysis** – Analyzed **top 100-rated** movies from the past decade using Python to uncover trends in ratings, genres, and audience preferences.

## PROJECTS

### T20 World Cup Cricket Data Analytics [Python | Web Scraping | Pandas | Tableau]

Feb 2025

- **Scraped & processed 1,000+ player** records from ESPNcricinfo using BrightData.
- Built an interactive **Tableau dashboard** to visualize player performance for team selection.
- Evaluated player stats to form an optimal **XI with 90% predicted success**.
- **Automated data collection & visualization**, reducing manual effort by **70%**.
- Predicted player impact scores based on past performance, enhancing selection strategy.

### Sales Insights – Brick-and-Mortar Business [Tableau | SQL]

Nov 2024

- **Examined 5+ years of sales data (10,000+ transactions)** for AtliQ hardware.
- Developed a **Tableau dashboard** for sales trends (monthly, quarterly, yearly).
- Identified revenue growth opportunities, **projecting a 7% increase**.
- Reduced analysis time by **40%** through **automation**.
- Segmented customer purchasing patterns, **leading to better inventory planning**.

### Loan Prediction Using Machine Learning and Python [Python | Pandas | Scikit-learn | XGBoost]

Aug 2024

- Assessed loan applicant data to assess **repayment likelihood using machine learning models**.
- Built predictive models with **XGBoost and Scikit-learn**, achieving **high accuracy**.
- **Enhanced performance** through hyperparameter tuning with Grid Search Cross Validation.
- Identified income-loan correlations and **demographic factors affecting loan approval**.
- Implemented ensemble techniques to **improve prediction consistency**.

## CERTIFICATES

- **MERN Stack Development** – Cipher School Feb 2025
- **R Programming** – Coursera Apr 2024
- **Data Structures and Algorithms** – Neo Collab Dec 2023
- **The Bits and Bytes of Computer Networking** – Coursera Nov 2023
- **Cloud Computing Certificate** – LinkedIn Learning Feb 2023

## EDUCATION

### Lovely Professional University

Bachelor of Technology- Computer Science and Engineering

Punjab, India

Since August 2022

### S.D. Public School

12<sup>th</sup> with Science

Muzaffarnagar, UP

2021-2022

### S.D. Public School

10<sup>th</sup> with Science

Muzaffarnagar, UP

2019-2020