



Prince Raj

Bachelor of Technology
Civil Engineering
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EDUCATION

Degreee	Institute	CGPA/%	Year
B.Tech., Civil Engineering	Punjab Engineering College, Chandigarh	8.24	2023-2027
Senior Secondary	Sunflower School	87%	2022
Secondary	DAV Public School	95.2%	2020

EXPERIENCE

• GSSoC 2025

July 2025 - Present

Contributor — GirlScript Summer of Code 2025 (GSSoC '25)

- Selected as a contributor for GSSoC'25 among thousands of applicants.
- Utilized tools like Git, GitHub, and Discord for project management and communication.
- Collaborated with mentors and developers to contribute to impactful open-source projects.


SKILLS

- Programming & ML Libraries:** Python (Pandas, Numpy, Matplotlib, Seaborn, Scikit Learn, TensorFlow), SQL
- Tools:** MS Excel, Jupyter Notebook, Git, Google Colab, VsCode, AutoCAD, STAAD Pro
- Data Analysis:** Data Cleaning, Exploratory Data Analysis, Data Visualization, Basic Statistics
- Soft Skills:** Leadership, Problem Solving, Attention to Detail, Communication, Decision Making, Team Collaboration

PROJECTS

• Multi-Model Analysis of UPI's role through OLS and ARLD Frameworks

April, 2024

Analyzed the growth and impact of UPI in India using statistical regression models 

- Tools: Python, Pandas, Matplotlib, Statsmodels, ARDL, OLS Regression
- Developed a multi-model pipeline using OLS and ARDL models for macroeconomic analysis
- Implemented Python-based EDA and time series transformations to identify trends
- Created regression visualizations to show UPI's effect on GDP and inflation
- Applied statistical methods to forecast volume and analyze lag impact of policies

• Swing, Spin, Stats: A Data Dive into ICC World Cup 2023

July, 2025

Analyzed CWC 2023 data and built interactive dashboards using Python and Power BI.

- Tools: Python, Pandas, Matplotlib, Seaborn, Power BI, Excel, GitHub
- Developed an end-to-end data analytics solution to visualize match outcomes and performance metrics.
- Created interactive dashboards to track top run-scorers, wickets, and team statistics.
- Applied data cleaning, transformation, and EDA techniques to extract actionable insights.

• Stock Market Sentiment & Price Prediction

April, 2024

Analyzed financial news sentiment vs historical stock prices to forecast short-term trends.

- Python (Pandas, Scikit-Learn), NLP (VADER), yFinance, Power BI
- Collected market data and headlines, performed sentiment scoring
- Engineered time-series features and applied regression models (Linear, ARIMA)
- Built Power BI dashboard to visualize sentiment-price relationships

POSITIONS OF RESPONSIBILITY

• Hostel Senior : Shivalik Hostel, Kurukshetra Hostel

2023- Present

Guided and mentored over 150+ hostel residents, managed inter-hostel coordination and grievance resolution.

• Executive Body Member : American Society of Civil Engineers

Month Year

Organized civil engineering events like "Frisbee" and "Dome it" during PECFEST'25 and events like Reconnaissance.

CERTIFICATIONS

- Coursera - What is Data Science ?, [Certification 1](#)

April, 2025

- Coursera - Tools for Data Science, [Certification 2](#)

April 2025