# Shri Krishna Pandey

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## 🪪 Profile

*Motivated and dedicated data analyst candidate with a strong proficiency in Python programming, machine learning algorithms, and data visualization using Python. Experienced in data cleaning, classification, categorization, and clustering.*

## 🗺 Skills

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|---|---|---|
| **Python** <br> Pandas, NumPy, Scikit-learn | ● ● ● ● ○ | **Web Application Development** <br> Html5, CSS, Bootstrap, Flask, JavaScript, Vue.Js, Celery, Redis ● ● ● ● ○ |
| **Machine Learning** <br> Regression, Classification, Clustering | ● ● ● ● ○ | **APIs** <br> Experience working with RESTful APIs for data retrieval and integration ● ● ● ○ ○ |
| **Data Visualization** <br> Matplotlib, Seaborn | ● ● ● ● ○ | **Dashboarding** <br> Google Spreadsheets, Tableau, MS Excel ● ● ● ○ ○ |
| **Linux** <br> Command-line Scripting, Shell Scripting, awk, sed, grep | ● ● ● ● ○ | **Data Base Management system** <br> PostgresSQL, Sqlite, Redis ● ● ● ● ○ |

## 💼 Professional Experience

**Teaching Assistant,** *IIT MADRAS* — 2023 Jun – present
Taking viva of App dev 1 & 2 Students.

**Teaching Assistant,** *IIT MADRAS* — 2022 Sep – 2023 May
Taking viva of App dev 1 & 2 Students.

**Education Mentor,** *IIT MADRAS* — 2022 Sep – 2022 Dec
Mentoring System Commands course in IITMOD for Programming diploma.

## 🎓 Education

**B.Sc. Programming and Data Science,** *Indian Institute of technology Madras* — 2021 Jan – present | Chennai, India
*Completed* - Foundational level with 8.1 CGPA,
Diploma in Programming with 9 CGPA and Diploma in Data Science with 8.9 CGPA.
*Pursuing* - Degree in Data Science and Programming with an 8.6 CGPA.

**B.Sc. Mathematics (Honors'),** *Govt. T.R.S. College, Rewa* — 2015 Jun – 2018 May | Rewa, India
Passed with First division and got 65% marks.

**Intermediate,** *Maruti Higher Secondary School* — 2014 – 2015 | Rewa, India
A passed distinction in all 5 subjects.

## 🎖 Certificates

Introduction To Linux ⬈ | Fundamentals of language science ⬈ | Foundational Course in Programming and Data Science ⬈

Java Introduction ⬈ | Tableau ⬈ | Beat-Aptitude Test ⬈ | Hack-O-Pitch IITM PARADOX'22 ⬈

## 📚 Courses

**Data Mining,** *Indian Institute of technology* — 2023 Jan – 2023 Mar | Kharagpur, India
*Ranked in the top 5% and received a silver badge*
Gained skills in sequence mining, complex data mining, and web mining for bioinformatics applications, contributing to advancements in genomics, proteomics, and drug discovery.

## 📂 Projects

**E-commerce Shopper's Behaviour Understanding** ⬈ — 2023 Jan – 2023 Apr
*Built a classification model using historical sales data to predict future sales with 65% accuracy.*
Ranked 42nd among 760+ participants.

**Capstone Project,** *Business Data Management* ⬈ — 2023 Jan – 2023 Mar
*Skills Used* - Data Cleaning, preprocessing & Visualization. Analyzing trends and patterns.
Analyzed the collected primary data from a Kirana shop, and suggested ways to improve their business.

**Streamlit App** ⬈ — 2022 Nov
Odd-even app deployed on heroku.

**Tracker app** ⬈ — 2022 Aug – 2022 Sep
Build a Full Stack app from scratch. For frontend used Vuejs, Bootstrap, npm and backend using Flask, SQLite, Redis, Celery, Matplotlib, and Restful-API.

**Quantified Self App** ⬈ — 2022 Feb – 2022 Mar
A Static Self Tracking App for various purposes and
Improving Lifestyle. using HTML5, CSS, Flask, SQLite, Bootstrap4, and Matplotlib.

## 🌐 Languages

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|---|---|---|---|
| Hindi | ● ● ● ● ● | English | ● ● ● ● ● |