

# Sandeep Kapoor

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Utilizing my internship experience with three different companies and strong analytical skills to contribute to a forward-looking company's data science team.

## PROFESSIONAL EXPERIENCE

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**ineuron - Machine Learning Apprenticeship** Remote Nov 2022 - present

- Analyzed 100,000+ records to identify vehicle number plate with the highest accuracy of 92%, resulting in -15% decrease in faulty detection for company.
- Developed visualization of actual vehicle number plate with the model recognised number plate, enabling executives to report out and act on accuracy of model.
- Assisted in the development and implementation of predictive models to analyze customer data and drive business insights

**SYNC INTERN'S - Machine Learning Apprenticeship** Remote Dec 2022 - Jan 2023

- Created a chatbot with the help of NLP and House Price Prediction system which resulted in increase of +12% of new users registration for the company.
- Utilized advanced analytical techniques and technologies, including Python and statistical models, to generate deep insights
- Worked with a team of engineers and data scientists to design and test solutions for complex problems

**Internshala - Data Science Summer Associate** Remote May 2022 - Aug 2022

- Performed Data Analysis on Retail Banking Institution which resulted in 91% accuracy on term deposit subscription, this campaigns drove +20% in new leads for our sellers.
- Worked with cross-functional teams to understand and meet the requirements and needs of the business
- Conducted research and analysis to identify key trends and insights in large data sets

## PROJECTS

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**Time Series Visualizer : Tableau, Keras, Pandas, Matplotlib, PyTorch** 

- Visualized time series data using a line chart, bar chart, and box plots.
- Used Pandas, Matplotlib, and Seaborn to visualize a dataset containing the number of page viewed each day.

**Amazon Product Recommendation : SciKit Learn, Tensorflow, NLTK libraries** 

- Built a product recommendation system using a combination of collaborative filtering and natural language processing techniques.
- The system was able to analyze customer reviews and make product recommendations based on the customer's past purchase history and preferences.

**Demographic Data Analyzer : Tableau, NumPy, Pandas, Matplotlib, Python** 

- Developed a tool to analyze demographic data using various statistical techniques.
- The tool was able to identify patterns and trends in the data, and generate insights and predictions about the population.

## SKILLS, INTERESTS & CERTIFICATIONS

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**Technical Skills :** Python, NLP, PyTorch, Tensorflow, Keras, C/C++, HTML, SQL, Tableau, Jupyter Notebook

**Interests & Certifications :** Data Science, Machine Learning , Artificial Intelligence, *Google Data Analytics Certified*