



Santosh Kumar

Data Scientist

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Summary

A results-driven Data Scientist with over 3.5 years of experience in software engineering and 4 months of hands-on experience in the field of Data Science. Skilled in utilizing statistics and machine learning to uncover valuable insights and patterns from complex data sets. Proven track record of effectively communicating data-driven results to cross-functional teams. Passionate about solving real-world problems and making a meaningful impact on the business.

Experience

Engineer

May 2020 – Present

WhaleCloud Technology (India). Pvt Ltd

Gurugram, India

- Collaborated with the development team to design and implement effective test plans for application enhancements and bug fixes
- Consistently delivered more than 75% of individual testing contributions to the team
- Utilized my coding expertise to significantly improve team performance by reducing task completion time from 15 minutes to just 3-4 minutes.

Data Scientist

Aug-Nov 2022

KonnectBox India Pvt Ltd

(Part-Time) Remote

- Scraped, cleaned, analyzed and visualized large volumes of image and text data from e-commerce websites
- An end-to-end deep learning model for fashion product recommendations was developed, resulting in a 15% increase in sales
- Communicated data insights and findings to co-workers and managers through presentations and reports

Associate Analyst

Feb 2019 – Jan 2020

Wipro Limited

Gurugram, India

- Worked closely with a team of 5 members to ensure project success
- Actively identified and resolved errors before the product launch
- Demonstrated a strong ability to work under pressure and deliver high-quality results

Projects

Multi-Search Recommendation System (KonnectBox)

- The end-to-end deep learning project was a significant endeavor for the internal team to finalize the fashion product prices compared to the competitors in the e-commerce market.
- Scraped data from multiple websites, trained model using CNN, designed front-end in DASH for multiple image/CSV file inputs and deployed on AWS, provided a competitive edge in the e-commerce market through accurate pricing and increased customer acquisition.
- The result of this project was a 15% increase in sales.

Flight Price Prediction WebApp

- Collected data from Kaggle, pre-processed, analyzed, and trained multiple machine learning regression models. The Random Forest model achieved 82% accuracy and fine-tuning increased it to 90%.
- The front end of the project was designed using DASH, including a new prediction page, model metrics, and analysis dashboard. The project was deployed on Heroku, making it accessible to users on the web.

WhatsApp Analyser WebApp

- The WhatsApp Chat Analysis and Visualization project utilizes data science techniques to extract insights from both group and single WhatsApp chats.
- The insights are presented in a user-friendly dashboard with easy navigation and stunning visualizations, making it a powerful tool for understanding WhatsApp chats in a more meaningful way.

Technical Skills

Programming skills:

Python, SQL, HTML/CSS

Tools:

NumPy, Pandas, Scikit-Learn, TensorFlow, BeautifulSoup

Visualization:

Matplotlib, Seaborn, Plotly, Tableau, Power-Bi

Web development:

Flask, Dash, Streamlit, Bootstrap

Databases:

MySQL, MongoDB

Deployment

AWS, GCP, Heroku

Familiar with:

Jupyter-Lab, Postman, Git, GitHub, IOT

General Skills

- Data Analysis/Visualization
- Data Scrapping/Cleaning
- Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- Software Testing

Soft Skills

- Problem Solving
- Critical Thinking
- Time Management
- Team Building
- Project Management
- Communication

Education

BTech | CSE

2015-2019

Rajasthan Technical University, Kota

Certifications

- Data Science Bootcamp Certification, UdeMy
- Certificate in Data Science Foundations, Great Learning
- Python Certification, Amity