

Shanu Halli

Data Analyst

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📅 13 Oct 1993

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👤 PROFILE

Aspiring Data Analyst and Science with 10 months of experience in Data Processing, Predictive Modeling and Hyperparameter Tuning. Experienced in Advance Excel, SQL, PowerBi, Tableau, Python, Machine Learning and Deep Learning techniques. My Passion is to take a cup of coffee and start finding some meaningful insight in messy data and build some great model.

📁 PROFESSIONAL EXPERIENCE

Innomatics Research Labs

Data Science Intern

Feb 2023 – Jun 2023

Hyderabad, India

- Basic Statistics: Statistical tools to identify, analyze, interpret patterns and trends in complex datasets.
- Streamlit and Flask: Developed interactive web applications for data visualization and user engagement.
- Dominos Delivery Time Analysis: Analyzed delivery time patterns to identify optimization opportunities.
- Laptop Price Prediction: Utilized ML techniques to predict laptop prices based on various features.
- Open Pub App: Developed an application to help users find the best pubs and bars in their area.
- Productionized an ML Model: Transformed a ML model into a scalable and deployable solution.

Ai Variant

Data Science Intern

Sep 2022 – Feb 2023

Bengaluru, India

- Leveraged my programming skills to solve complex challenges using Python.
- Data Scraping using beautifulsoup library that makes it easy to scrape information from web page.
- Data Cleaning with using Parsing, Regular Expression, Stemming, Lemmatization and Stopwords.
- Presenting information using matplotlib and seaborn library to help identify patterns in data.
- Building models (regression or classification) to address business problems.

Americana Restaurants

Delivery Dispatcher

Jan 2020 – Jan 2022

Riyadh, Saudi Arabia

- Delivery Dispatcher 2 years of experience ensuring excellent customer service.
- Scheduling and dispatching order based on driver requests.
- Prioritize calls according to urgency and importance.
- Excellent telephone and customer service skills.

🧠 SKILLS

Advance Excel

Vlookup, Power Query, VBA, Macro

Databases

MySQL

Programming Language

Python, Pandas, Numpy

Exploratory Data Analysis

Data Cleaning, Data Preprocessing

Data Visualization

Power BI, Tableau, Matplotlib, Seaborn

Statistical Analysis

Inferential and Descriptive

Data Mining

Beautifulsoup, Web Scraping

Web Frameworks

Flask, Streamlit, HTML, CSS

Machine Learning

Supervised and Unsupervised Learning, Clustering

Time Series Analysis

Stock Price, Weather Prediction

Natural Language Processing

NER, RNN, LSTM, NLTK, TextBlob, Spacy

IDE/ Platforms

Jupyter Notebook, VS Code, Spyder, GoogleColab

Computer Vision

Object Detection, Image Segmentation

Deep Learning

Basic - ANN, CNN, RNN

🎓 EDUCATION

MA in Economics

Shivaji University, Kolhapur

Jun 2018

Kolhapur, India

BA in Economics

Rajaram College, Kolhapur

May 2015

Kolhapur, India

🌐 LANGUAGES

English • Hindi • Marathi • Kannada • Arabic

PROJECTS

Movie Recommendation System

May 2023 – Jun 2023

Associated with Innomatics Research Labs

- Demonstrated success in utilizing various Machine Learning techniques to develop movie recommendation systems based on "Cast, Genre, Reviews and TMDB/IMDB ratings."
- Proficient in performing exploratory data analysis to gain valuable insights, enabling the understanding of underlying patterns.
- Experienced in feature engineering, extracting relevant movie attributes, user preferences and historical ratings for a comprehensive recommendation system.
- Implemented collaborative filtering techniques like user-based and item-based approaches to generate accurate movie recommendations.
- Evaluated the performance of the model using precision, recall and accuracy metrics.

Open Pub Application

Mar 2023 – Apr 2023

Associated with Innomatics Research Labs

- Skilled Web Developer experienced in creating dynamic multi-page web applications.
- Developed an interactive and user-friendly web app using Streamlit to showcase pub location data.
- Designed and implemented a Home Page with comprehensive information and statistical insights.
- Successfully built a Pub Locations Page that displayed an interactive map, allowing users to search for pubs based on Postal Code or Local Authority.
- Implemented advanced functionality with a Find the Nearest Pub Page, utilizing Euclidean Distance to identify the five closest pubs to user-inputted Latitude and Longitude.
- Proficient in Python libraries such as Pandas, Folium and Streamlit, enabling seamless development of the application.

Resume Classification

Jan 2023 – Feb 2023

Associated with Ai Variant

- Experienced in implementing Machine Learning and Natural Language Processing techniques to significantly reduce manual human effort in HRM.
- Adept in performing data collection, text mining, data cleaning, exploratory data analysis and data visualization to ensure accurate and automated processes.
- Proficient in Python and its libraries for NLP, including tokenization, lemmatization and parts of speech tagging.
- Successfully built a robust Resume Classification Model that automatically extracts and analyzes resume data for efficient candidate selection based on job position and requirements.

Real Estate Price Prediction

Oct 2022 – Dec 2022

Associated with Ai Variant

- Successfully scraped housing prices data from 99acres.com using BeautifulSoup library and performed data cleaning, exploratory data analysis and data visualization.
- Proficient in Python, implementing techniques like regular expressions and nltk stopwords for effective data preprocessing.
- Utilized geopy to locate house addresses, cities and landmarks worldwide using third-party geocoders.
- Expertise in building and evaluating regression algorithms, including Linear Regression, Decision Tree, Random Forest and Polynomial Regression to predict sales prices accurately.
- Skilled in developing interactive applications using Streamlit enabling seamless house price.

CERTIFICATES

Data Science Certification

ExcelR Solution

Masters Program in Data Science

NASSCOM FutureSkill Prime

Machine Learning with Python

IBM Certified

Python Fundamental Programming

NASSCOM FutureSkill Prime

ACHIEVEMENTS

Machine Learning Hackathon

Feb 2023

Associated with Innomatics Research Labs

Hyderabad, India

Achieved selection as a data science intern after successfully competing against over 7000+ participants in an ML hackathon and assessment test, ranking among the top 10 percent.

National Cadet Corps

Jan 2014

Associated with Rajaram College, Kolhapur

Kolhapur, India

'C' Certificate in 1 MAH ARTY BTY NCC Kolhapur