Harshal Nandan Srivastava

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Education

B.Tech (Biotechnology)
Bansal Institute of Engineering and Technology, Lucknow
2018 - 2022

Certifications

Postgraduate Program in Data Science & Analytics (Pursuing)
   Imarticus Learning

Technical Skills

- **Programming Languages**: *Python*
- **Data Tools**: *Jupyter Notebook, Numpy, Pandas, ScikitLearn, PostgreSQL*
- **Data Visualization**: *Power BI, Matplotlib, Microsoft Excel*
- **Soft Skills**: *Problem-solving, Teamwork, Adaptability, Time Management*
- **Areas of Interest**: *Data Analysis, Machine Learning, Data Cleaning, Data Visualization*

Projects

House Price Prediction *(July 2024)*

- *Developed a predictive model using Python for house price prediction with 81% accuracy using Linear Regression (ScikitLearn).*
- *Processed data, handled missing values, and converted categorical variables for model optimization.*

Email Spam Detection *(May 2024)*

- *Built a spam detection model with 94% accuracy using Support Vector Machines (SVM) in Python.*
- *Preprocessed data to manage null values and categorical variables, resulting in a high-performing classification model.*

Healthcare Analysis with Power BI

- *Created an interactive healthcare analysis dashboard to visualize metrics and trends for healthcare management.*
- *Tools Used: Microsoft Power BI, Excel.*
- *Improved data accuracy and enhanced interactivity through custom visuals and slicers, supporting data-driven decision-making.*

Achievements

B.Tech Final Year Project: Fortified Cookies Development & Quality Evaluation

- **Objective**: *Developed fortified cookies with improved nutritional value and performed quality evaluation.*
- **Formulation Development**: *Enhanced cookies with vitamins, minerals, and dietary fibers.*
- **Quality Evaluation**: *Conducted sensory and nutritional analysis to assess effectiveness and consumer acceptability.*
- **Outcome**: *Successfully created a product with desired sensory qualities and extended shelf life, supported by statistical analysis.*

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