**SUNIL KUMAR GUPTA**

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**Summary: *A passionate & Skilled Data Science Professional seeking for job***

I am passionate Data Science & Machine Learning enthusiast. Passionate about solving real life problems by adopting data science techniques, I wish to contribute to business by providing solution using my proficient skills in Machine Learning, Deep Learning, and Natural Language Processing. With my ability to build end-to-end Data Science solutions I have gained proficiency on using tools like MySQL, Python, Machine learning libraries like sklearn, seaborn, NumPy, pandas, matplotlib, etc. Data Visualization tools like Tableau.

I have the blend of practical exposure in my experience and strong academic backing with 12+ industry-based projects across various domains like E-Commerce, Banking Frauds, Science & Technology, Business Strategy etc. I am currently seeking opportunities to work with organization which will provide me a platform to apply my skills and take up more challenges in data science, making me learn and acquire more knowledge and skills making me climb the career ladder.

I seek to work on profiles like Data Scientist, Machine Learning Engineer, Deep Learning Engineer, Data Analyst, NLP, etc.

**Technical Skills:**

* Programming: Python
* Database: MySQL
* Proficient in Advanced Microsoft Excel for statistical modelling
* Applied Statistics: Descriptive and Inferential statistics for hypothesis testing
* Machine Learning: Building and testing Regression & Classification models – Linear, Multiple linear regression, logistic regression, PCA, Decision Trees, Random Forest, SVM, KNN and Naïve Bayes.
* Deep learning: Faster-RCNN, Pytorch
* BI Reporting & Data Visualization: Tableau

**Professional Experience:**

* Organization : Mindtree Limited
* Designation : Machine Learning Engineer
* Duration : Jan 2019 – Present

**Roles and Responsibilities:**

* Worked on detecting patches on building using Faster-RCNN object detection model in Python with an accuracy of 94%. Extracted data from the company databases using MySQL.
* Worked on forecasting sales using Random Forest algorithm and time series algorithms in Python with various promotions and initiatives as the features of the algorithm. Visualized the data using python to understand trend and seasonality.
* Created a price tracking model by mining data from amazon using python and forecasted future discounts for the products. Visualized the data in Tableau to understand impact of various parameters.

**Projects:**

* Consumer Behavior analytics for KTM showroom for determining window shopping customers.
* Identification of key parameters’ leading to bike purchase.
* Preparation of data for building classification model
* Build and tested – Logistic Regression, KNN, Naive Bayes, SVM.
* Evaluated model for best classification accuracy
* Machine learning model for determining probability of purchase.
* Generated HTML code and deployed in Heroku and Git Hub.
* Website Data Analysis of Xiaomi India Data Sample
* Descriptive analysis of data variables
* Website traffic analysis- day of the week effect
* Correlation study of variables like time spent, pages viewed, amount spent.
* Forecasting using regression model
* Data Visualization Dashboard & Story Telling for Big Bazar Superstore.
* Implemented using Tableau.
* Prepared custom visualizations for Sales & Profit-loss trend analysis
* Different charts to study demography

**Educational Qualification:**

* Completed my Graduation from Osmania University in 2018.
* Completed my Intermediate from Sri Gayatri Junior College in 2015.
* Completed my S.S.C from Covells High School in 2013.

**Certifications:**

* Full Stack Data Science Professional Program at Business Toys Pvt Ltd

**Key Interests:**

* Business Research, Data wrangling, AI, Technology, Research, tracking start-ups, reading brand management magazines, playing volleyball, cricket, national and international tours.

**Personal Details:**

| Father’s Name | : | Baban Prasad Gupta |
| --- | --- | --- |
| Date of Birth | : | 29- Jan -1997 |
| Languages | : | English, Hindi, Telugu. |
| Permanent Address | : | SRT: 1233, Sanathnagar, Hyderabad-500018 |