

# BITRAGUNTA VENKATA NAGA SRAVAN KUMAR

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## Profile

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A highly motivated and detail-oriented Data Science graduate with hands-on experience in Python programming and Machine Learning techniques.

With a B.Sc (Honours) in Data Science degree, I have strong problem-solving and analytical skills. I enjoy working with data, learning new things, and collaborating with others to build useful real-world projects.

## Education

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**BHAVANS VIVEKANDA COLLEGE OF SCIENCE , HUMANITIES AND COMMERCE** Aug 2022 – Mar 2025

B.Sc (Honours)-Data Science

- GPA: 8.29/10

**NARAYANA JUNIOR COLLEGE** Jun 2020 – Mar 2022

Intermediate State Education (M.P.C)

- percentage: 83.7

**SRI BRILLIANT TECHNO HIGH SCHOOL** Mar 2020

Secondary School Certificate(SSC)

- GPA: 10/10

## Experience

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**Data Scince and Machine Learning Intern** Jul 2024 – Sept 2024

UNP EDUCATION

- Worked on real-world datasets by performing data cleaning, handling missing values, creating dummy variables, and applying Exploratory Data Analysis (EDA).
- Evaluated using Machine Learning models which include Linear Regression, Multiple Regression, SVM , KNN, Decision Trees, Random Forest, XGBoost, and AdaBoost.
- Collaborated with a team to develop a predictive model for real-world datasets.

## Skills

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### Programming Tools

- Python (pandas, NumPy, matplotlib, Seaborn), SQL, Git, Jupyter, Excel, R-Programming, MATLAB, ORACLE

### Machine Learning

- Regression, Classification, Clustering, Feature Engineering, Model Evaluation

### Data Handling Analysis

- Data Cleaning, EDA, Data Visualization, Statistical Analysis, Database Management, Data Warehousing

### Analytical Skills

- Critical Thinking, Problem Solving, Data Interpretation, Insight Generation

### Soft Skills

- Communication, Team Collaboration, Time Management, Continuous Learning

## Projects

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**Diabetes Percentage in a Person**

<https://github.com/Sravan-Kumar06/UNP-Project-1>

- Analyzed a diabetes dataset to predict the likelihood of diabetes using machine learning models such as Linear

Regression, Multiple Regression, KNN, SVM, Decision Trees, and Random Forest. Evaluated model accuracy to identify the best-performing algorithm.

### **Garment Worker's Productivity**

<https://github.com/Sravan-Kumar06/UNP-Project-2>

- Analyzed a garment worker's dataset to predict productivity using machine learning models such as Linear Regression, Multiple Regression, KNN, SVM, Decision Trees, and Random Forest. Evaluated and compared model performance to determine the best fit.

### **College Chatbot Backend**

2025

- Developed a rule-based college chatbot backend using Python and FastAPI. Collected and organized college information into structured JSON files, and integrated Firestore and Pinecone for efficient storage and keyword-based data retrieval.

## **Certifications**

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### **Data Science and Machine Learning Internship**

UNP Education

Completed: Dec 2024

### **Data Science using Machine Learning Workshop**

Electrogenics Security Systems Pvt.Ltd

Completed: Feb 2024

## **Languages**

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**English**

**Hindi**

**Telugu**