



# Varshitha Nelakurthi

## Data Science Enthusiast

### My Contact

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🐙 <https://github.com/varshitan>

### Technical Skill

- Python
- R
- SQL
- Power BI
- Natural Language Processing
- Machine learning
- Statistics
- Data Analysis
- Data Visualization

### Extra Curricular

- Vice-captain for White House (2021-2022)
- Mentored for Resonance
- Volunteered for SINUSOID & INGENUITY(fests at university)

### Education Background

- NIIT UNIVERSITY (CGPA: 7.72/10)  
*B.Tech in Data Science*  
2020- Present
- Narayana jr College (CGPA: 9.36/10)  
*Intermediate*  
2018- 2020
- Dr.K.K.R's Gowtham school (CGPA: 10/10)  
*5th -10th*  
2012- 2018

### About Me

I'm currently pursuing my Btech in data science, with a passion for using data to solve real-world problems, I am eager to contribute my skills and learn from experienced professionals in the field. My coursework has focused on developing my skills in statistical analysis, machine learning algorithms, and data visualization techniques using program languages

### Professional Experience

Prodigy Infoech | Data Science Intern  
*Sep 2023 – Present*

Key responsibilities:

- Model Development: Created predictive models across diverse datasets.
- Performance Optimization: Enhanced models through thorough analysis and tuning.
- Collaborative Impact: Contributed insights that elevated project strategies.

### Projects

#### Reserach and Development

Key responsibilities:

- Data collection on landslides considering web pages as a data source on landslides
- Using NLP techniques such as NER and other methods retrieve information, creating a dataset on landslides and t visualize them

#### Forecasting Netflix Subscriptions

Key responsibilities:

- Developed an ARIMA model to forecast Netflix subscriptions for the next five years.
- By utilizing advanced time series analysis techniques, I created an accurate forecasting model to predict Netflix subscription trends over the next five years.

#### Maven Market Analysis

Key responsibilities:

- Designed and created a dynamic Maven market dataset dashboard on PowerBI, featuring:
- Performance Insights: Visualized and compared Total Returns, Profit, and Revenue changes with last month. Provided data-driven insights and analytics expertise.
- Geographical Overview: Mapped Total Transactions by store city, offering a clear geographical perspective.

### Soft Skill

- Mentorship
- Decision making
- Communication
- Easily Adaptable