

# Bhavya Susmitha Adduri

## Professional Summary

Upcoming Data Scientist, with two plus years of experience in presenting solutions on complex data-driven problems, currently pursuing Masters in University of Texas at Dallas. Seeking in a full time in a company where I can work on finding insights and trends from data.

## Work Experience

Remote Sensing Center — Data Scientist Summer Intern  
Tuscaloosa, Alabama

05/2022 — 08/2022

- Radar data processing using MATLAB
- Building models to construct images
- Analyzing data to enhance and reconstruct the images
- Image Classification to find similar patterns

Solix Technologies- Associate Data Engineer

Hyderabad, Telangana

02/2018- 06/2021

- Automated processing of large data sets using Python
- Continuous network devices patching using Python
- Monitored Network using EMC2 SMARTS, HPNA and Airwave
- Worked on SQL query performance and enhancements
- Identity Access Management - Servers and Databases

## Projects

### Customer Segmentation

Using unsupervised learning developed a model that segments customers of a wholesalers into groups.

*Tech Stack-* Python, PCA and Clustering

### Predicting Boston Housing Prices

Developed a model that could predict the selling price of a house for a real-estate agent.

*Tech Stack —* Python, Decision Tree and Grid search

### Stock Prediction with Tweets

Developed a model that predicts if the stock price rises or falls the next day based on tweets.

*Tech Stack-* Python, Random forest, Naive Bayes and SVM

### Crimes in Chicago

Analyzed past 10 years of crime data using Big Data tools and developed a prediction model.

*Tech Stack -* Hive, PySpark, Tableau, Linear Regression, Clustering, Azure

### Prediction of Financial crisis 2007-2008

Using Regression Analysis developed different models to predict the crisis.

*Tech Stack -* R, Regression Analysis

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- <https://github.com/BhavyaSusmitha>

## Education

2023-May

University of Texas at Dallas

Dallas, TX

**Master of Information Science:** Information Technology and Management

2017-Aug

Jawaharlal Nehru Technology University

Kakinada, India

**Bachelor of Science:** Computer Science

## Skills

- Python
- R
- SQL
- Hive
- Pig
- Snowflake
- Statistical Analysis
- Machine Learning
- Microsoft Azure
- Data Visualization
- Data Analysis
- Tableau
- Power BI
- Spark
- Data Mining
- Microsoft Excel
- AWS
- Terraform

## Certifications

Tableau Certified Developer ITIL -2011 Certified

Google Data Analytics Certificate

Issued Jun 2022

## Activities

Language Translator in the Commencement Ceremony, Dallas: May 2022

