

# ABHIJITH ANIL VAMADEV

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in <https://www.linkedin.com/in/abhiijithvamadev> 🐙 [https://github.com/aaabhiijith13/Data\\_Science](https://github.com/aaabhiijith13/Data_Science)

## 📋 OBJECTIVE

Analytic Data Scientist with a Masters in Applied Data Science and a BS in Industrial Engineering; skilled in statistical analysis, machine learning, data storytelling and scripting languages including Python, and JavaScript. Passionate about leveraging data for decision-making, seeking a Data Scientist opportunity in a growth-oriented company for mutually beneficial success through data-driven insights.

## 🎓 EDUCATION

**Master of Science in Applied Data Science**  
Syracuse University, School of Information Studies  
08/2021 - 05/2023

**Bachelor of Science in Industrial Engineering & Certificate in Entrepreneurship**  
Purdue University  
08/2016 - 05/2020

## 🧠 SKILLS

### Data Science

- Strong programming skills in Python, R, and SQL
- Extensive experience with data analysis, visualization, and modeling libraries such as Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, and Keras and leveraging Business Intelligence tools to perform data visualization.
- In-depth knowledge of machine learning algorithms, including supervised learning (linear regression, logistic regression, decision trees, random forests, KNN, SVM, naive Bayes, and neural networks) and unsupervised learning (clustering with k-means and hierarchical methods, dimensionality reduction techniques like PCA).
- Proficient in statistical analysis, hypothesis testing, and A/B testing.
- Ability to clean, preprocess, and analyze large datasets with big data technologies such as Hadoop and Spark
- Strong problem-solving and critical thinking skills
- Excellent communication and storytelling abilities to effectively communicate the findings.

### Programming / Software

Python (REST API, Pandas, PySpark, scikit-learn, TensorFlow, PyTorch, AutoGluon), R, SQL, JavaScript (React, NodeJs, Express, CORS), Linux. Tableau, Zoom, Power BI, KNIME, VBA. Google Analytics, Excel, Visual Studio, Visual Code, Git, Business Intelligence.

## 📁 PROJECTS

### Credit Card Users Churn Prediction

A bank sees decline in the number of customers using their credit cards, so bank wants to know the reasons behind the same and predict if a person will attrite or not

### All Life Bank Personal Loan Campaign Model

Performed feature engineering and ML models to assist marketing in identifying potential loan customers.

### Travel Package Prediction

"Visit with us" travel company dataset is used to analyze the customers' information and build a model to predict the potential customer who is going to purchase the newly introduced package.

## 💼 PROFESSIONAL EXPERIENCE

### Data Science Intern

GlobalFoundries

01/2023 - 05/2023 | US

- Documented and validated the current CRISP-DM cycle at GF, incorporating industry best practices and internal guidelines. Collaborated with cross-functional teams to gather business requirements and align the data processing cycle with GF's objectives.
- Performed EDA, statistical analysis, and data visualization on FDC data using Python, PySpark, Apache Spark, seaborn, and matplotlib in AWS SageMaker notebook. Conducted data transformation, cleaning, and loading of FDC data using PySpark and Apache Spark.
- Provided data-driven recommendations for data collection based on insights derived from the analysis.
- Created separate workflows for reading small and bigdata from Amazon S3 buckets using AWS SageMaker, AWS Lambda, AWS EMR, and AWS Step Functions.
- Monitored workflows using AWS CloudWatch, tracking progress, performance, and errors. Utilized Python libraries such as pandas or PySpark to read, transform, and write data in JSON format, meeting client's data requirements.
- Translated workflow from an Oracle DB data source to an S3 bucket data source utilizing KNIME, resulting in a significant one-week improvement in efficiency.

### Full-Stack Developer

TRUSTFLOW.AI

05/2021 - 08/2021 | India

- Created React dashboards with data fetched from MySQL, Nodejs, Express, and CORS. Integrated data with components.
- Developed Python programs for social network data extraction and created dashboards with Tailwind and React. Designed MySQL databases for diverse social network data storage.
- Deployed Python programs and dashboards online using Linux servers. Implemented Python program for email tracking and message segregation using GMAIL API.
- Used Azure DevOps for project monitoring, code collaboration, and application creation

### Engineering Intern

GALFAR AL MISNAD ENGG& CONTRACTING

01/2021 - 06/2021 | Qatar

- Developed and built workflows in the document database management system that improved work efficiency.

## 📜 CERTIFICATES

### Post Graduate program in Data Science and Business Analytics

(The University of Texas at Austin and Great Learning)

**AWS Machine Learning Engineer (In Progress)** (UDACITY)