

Advaith Radhakrishnan

Data Scientist

+91 8884588003 advaithr34@gmail.com <https://github.com/advaithr2907>
www.linkedin.com/in/advaithr2907 Bengaluru, IN

SUMMARY

Certified data scientist and machine learning enthusiast with a passion to solve real-world business challenges using data analytics. Proficient in deploying complex machine learning and statistical modeling algorithms/techniques for identifying patterns and extracting valuable insights. Worked as a data scientist for almost 2 years.

PROFESSIONAL EXPERIENCE

Junior Data Scientist

Jan '22 - Jun '23

VOZIQ

Bengaluru, IN

VOZIQ is an AI-powered predictive intelligence platform with of enabling large-scale proactive customer retention in recurring revenue businesses by creating timely predictions about who will cancel, why will they cancel, and what can be done to prevent the cancellation before the customer makes the cancellation call.

1. Project - Brinks ML

- Improved the **NPS model** by adding and creating new features , which is used to find out the detractors and promoters:
- Made progress on **Service Job model**, which is used to predict whether customers would have a service job created in the future.
- Handle and maintain both NPS and Service Jobs model.
- Working on various ways to **extract meaningful insights from text data using NLP** such as:

- Generating themes
- Get the entities involved in the comment
- Find the sentiment of the comment

2. **Developed a python script to web scrape 4 major US websites** related to medicinal drugs to get all the **drugs names** being used in the US as part of the project.

3. Developed **3 different python scripts to get the required data from JSON objects** present in the database and deployed them into production for automation of the process.

Data Science Intern

Jul '21 - Jan '22

VOZIQ

Bengaluru, IN

Project - Brinks ML

- Worked with the data science team in improving **ML churn retention model** for Brinks Home Security with **new customer data coming in everyday**

Associate Software Engineer

Jun '20 - Apr '21

DXC Technology

Bengaluru, IN

Project - EDI Services for Daimler (Nov '20 to Apr '21)

- Provided EDI services for **Daimler Private Limited for 4 months**
- Performed testing and analysis of **Agile Service Desk (ASD)** and various software tools required (**TEST SS BIS, PROD SS BIS, RSP etc.**)
- Created documents on **SNOW (ServiceNow)** and **ASD basics document which can be useful for new recruits**

Project - MS Dynamics (June '20 to Oct '20)

EDUCATION

Secondary (10th)

Apr '13 - Mar '14

Kendriya Vidyalaya AFS Avadi

Bengaluru, IN

- Overall CGPA (out of 10) - 10

Senior Secondary (12th)

Apr '15 - Mar '16

Kendriya Vidyalaya Hebbal

Bengaluru, IN

- Overall Percentage - 80%

B.Tech. in Mechanical	Aug '16 - Jun '20
Reva University	Bengaluru, IN
• Secured 7.4 CGPA	
Post Graduate Diploma in Data Science	Apr '20 - Apr '21
IIIT Bangalore & upGrad	Bengaluru, IN
• Overall CGPA - 3.28/4	

KEY DATA SCIENCE PROJECTS

- **Domain: Education | Tech Stack: Python | Sept '20**
 - **Objective:** Create a model used by the company to target potential leads for their online courses.
 - **Solution:** Designed ML model using **logistic regression**.
 - **Key Achievement:** Achieved overall accuracy of 80.9% and cutoff probability = 0.34
- **Domain: Telecom | Tech Stack: Python | Nov '20**
 - **Objective:** Build predictive models to identify customers at high risk of churn and identify the main indicators of churn.
 - **Solution:** Designed various machine learning models using **logistic regression, random forests and boosting** to predict customers at a higher risk of churn.
 - **Key Achievement:** Finally chose the logistic regression model with probability cut-off = 0.45, and **recall accuracy of 84.4%** for test data.
- **Domain: Sales | Tech Stack: Python | Mar '21**
 - **Objective:** Predict the daily sales of a drugs store for up to 6 weeks.
 - **Solution:** Designed **VAR and VARMAX** models for all of the 9 stores.
 - **Key Achievement:** We went ahead with VAR models as it gave **lower RMSE and MAPE values** overall.

KEY SKILLS

- Machine Learning Methodologies • Optimization Techniques • Data Mining & Analytics
 - Predictive & Statistical Modelling • Data Analysis
 - Data Visualization
 - Predictive Modelling & Analytics
 - Programming
 - Team Coordination & Leadership
 - Debugging
 - Deep Learning
 - Neural Networks
 - Supervised/Unsupervised Learning

TECHNICAL SKILLS

Languages: Python, C, C++, C#, AX and .net

Statistics/ML: Linear/Logistic Regression, Ensemble Trees, Gradient Boosted trees, Advanced Regression, PCA, Time Series Forecasting, RNN, CNN LSTM