

Amala Azcona

Data Scientist

✉ amala.azcona@gmail.com
☎ 905-039-8053
📍 29 White Oak Drive, VT 05465

Education

A data scientist typically holds at least a bachelor's degree in computer science, statistics, mathematics, or another quantitative field. at University of North Carolina, Chapel Hill, NC

Sep 2012 - May 2016

I completed the Data Scientist program at school. I am now a data analyst for a company.

Links

[linkedin.com/in/amalaazcona](https://www.linkedin.com/in/amalaazcona)

Skills

Machine learning

Deep learning

Data mining

Artificial intelligence

Statistics

Probability theory

Languages

English

Dutch

Profile

I am a Data Scientist with 6 years of experience. I have worked extensively with Machine Learning and Deep Learning models, as well as Natural Language Processing. In my previous roles, I utilized these skills to solve various business problems such as customer churn, demand forecasting, and text classification. My work has resulted in increased revenue for the companies I have worked for by millions of dollars per year.

Employment History

Data Scientist at Domino's Pizza – Michigan

May 2022 - Present

- Led the development of a machine learning algorithm that improved prediction accuracy by 10%.
- Implemented natural language processing models to automatically classify customer queries, improving efficiency by 15%.
- Developed new methods for analyzing unstructured data that revealed hidden patterns and business insights.
- Trained and supervised junior data scientists on best practices and various statistical techniques.
- Wrote R code to scrape social media data for sentiment analysis; results were used to make marketing decisions.
- Created Python script to streamline logging process for systems administrators, saving an average of 2 hours per day.

Data Scientist at American Express Company – New York

Jul 2016 - Mar 2022

- Defined check cut-off criteria for identifying and correcting outliers in the data set which improved accuracy by 5%.
- Developed new features from scratch to be used in predictive modelling which increased model accuracy by 7%.
- Implemented KNN algorithm on live weather data to predict temperature conditions for next 24 hours with an error rate of less than 2%.
- Trained a regression model on more than 1 million rows of data to predict housing prices with RMSE of 200,000.
- Classified images into 10 different categories using a deep learning Convolutional Neural Network (CNN) with over 80% accuracy.
- Cleaned customer dataset consisting of millions of entries and performed EDA to find trends and patterns which helped the company save \$3M.

Certificates

Certified Analytics Professional (CAP)

Aug 2020

Certified Big Data Professional (CBDO)

Jun 2019