Anusha Ayyagari

Catonsville, MD 21228| Ph: (469) 740-2959|

email: anushaa2@umbc.edu / nushaayyagari@gmail.com LinkedIn: [www.linkedin.com/in/anusha-ayyagari](http://www.linkedin.com/in/anusha-ayyagari)

GitHub: https://github.com/AnushaAyyagari

# Education

University of Maryland, Baltimore County GPA: 3.89

**Master of Professional Studies in Data Science** Anticipated Graduation: Dec 2022 CVR College of Engineering, Hyderabad, India

**Bachelor of Technology, Electronics and Instrumentation Engineering** June 2014

# Technical Skills

**Databases** PL/SQL, MySQL, MongoDB

**Operating Systems** Windows, Linux

**Analytics Skills** Python, SQL, scikit-learn, MS Excel, Tableau, Machine learning, Natural Language Processing, PySpark, Data Wrangling, Tableau

# Experience

*APPLICATION DEVELOPMENT ANALYST***, ACCENTURE - INDIA** March *2018– Oct 2019*

**Client: Unity Media**

* Data extraction, manipulation, and analysis in DB2 system as per the business requirement.
* Application Performance Monitoring to identify anomalies and resolve issues.
* Coordinating with client and external teams for resolution of incidents.
* Proactive issue identification and reporting using JIRA.
* End to end analysis to identify and fix recurring issues***.***

*APPLICATION DEVELOPMENT ANALYST***, ACCENTURE- INDIA** June *2016 -* Feb *2018*

*SOFTWARE ENGINEERING ASSOCIATE,* **ACCENTURE- INDIA**Nov *2014* - May *2016*

**Client: Telstra**

* Code enhancements and reviews using Shell scripting and PL/SQL
* Test and Operations Automation using Shell scripts and PL/SQL
* Data wrangling for analysis using SQL and Excel
* Ensuring the data quality as per the client regulations
* Analyzing and resolution of errors in the Billing and Invoicing process
* Monitoring of daily ETL for report generation
* Coordinating with client and external teams for efficient resolution of issues

# Relevant Projects

* **Customer complaint classification using Logistic Regression and Neural Networks**: Classification of customer complaints into the respective product categories using traditional classification algorithms and deep learning algorithms like RNN and bi-LSTM.
* **Sentiment Analysis Using Twitter and Its Effect on the Stock Market**: Prediction of stock opening price based on the sentiment on twitter and the data from the previous day.
* **Customer Behavior Analysis and Prediction in e-commerce space:** The project aimed to predict if the customers will purchase the product based on given features on big data in an ecommerce setting using Spark MLlib.
* **Machine Learning and the Role of Air Quality and Income Level on Respiratory Death**: Using Decision tree algorithms with income and ozone levels as features to predict whether the cause of death in a county is respiratory related.
* **Language identification system using a Naïve Bayes classifier:** Using the Universal Dependencies dataset to build a model that can identify the language of the given sentence.
* **Predicting if the patient will get diabetes using multi-layer perceptron:** Using Keras library to build a multi-layer perceptron classifier to predict if a patient has diabetes or not based on multiple factors like Insulin, glucose levels, age and BMI.
* **Predicting False information About Crime Using Supervised Machine Learning:** Using the labelled data from Politifact.com we are building a model that can classify the given information about crime as true or false information using traditional machine learning and deep learning models.