Averill Bates

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📍 Chennai, Tamil Nadu, India

in @averillbates

Aspiring Data Scientist | Data Analyst

ACADEMIA

Madras Christian College

- *Master of Science in Statistics (2021 -2023)*
  CGPA 8.9/10

- *Bachelor of Science in Statistics (2018 -2021)*
  CGPA 8.2/10

Anna University, Chennai

- *MBA in Business Analytics (Part Time) (2021 -2023)*
  80.4%

Zion Mat. HSS, Chennai

- *High Secondary (12th) (2017 -2018)*
  90.4%

- *SSLC (10th) (2015 -2016)*
  98%

MY USP

- Analytical & Consulting
- Problem Solving
- Team Player
- Time Management
- Leadership Skills
- Public Speaker
- Quick learner

HONOURS AND AWARDS

February 2021
Secured 1st Place in Collage Making in an Inter Collegiate Competition.

May 2016
District Topper in X Std Board Exam in the Subjects Science and Tamil Language and Received Cash Prize.

April 2015
Best Performer in Scouts and Guides Club.

CAREER OBJECTIVE

Data science enthusiast and data freak seeking an opportunity in an organization where I can take on challenges and solve problems utilizing my Knowledge and Skill-set to advance my personal growth and also contribute to the development of the firm.

INTERNSHIP

Summer Intern | Indian Council for Medical Research (ICMR) – National Institute of Epidemiology

June 2022 – July 2022

- Learnt STATA, a Statistical Software.
- Performed Exploratory Data Analysis and implemented various missing value techniques as a part of data cleaning for National Tuberculosis Elimination program (TN-KET) data.
- Generated Queries and carried out Data Visualization using STATA Software.

PROJECTS

- Developed a Logistic Regression Model to classify whether a patient may tend to have heart disease or not which resulted in **accuracy of 90%.**
- Diabetes Disease Prediction using Naïve Bayes Classifier.
- Spam Classification using several Machine Learning algorithms such as SVM, Random Forest, Logistic Regression and Naïve Bayes and compared their Performance Measures to identify the best algorithm in terms of accuracy and reliability.
- Performed Market basket Analysis using Association Rule Mining to find associations in the purchasing behavior of Customers.
- Conducted a study on Performance Evaluation of Public and Private sector Banks in India using Data Envelopment Analysis and presented the same in a Conference Conducted by Dr. Ambedkar University, Chennai.

COMPUTER EXPERTISE

- Programming: R, Python, SQL
- Data Visualization Tools: Tableau, Power Bi (learning phase)
- GUI based tools: IBM SPSS, MS- office

TECHINAL SKILLS

- Supervised and Unsupervised Machine Learning Algorithms - KNN, Support Vector Machines, Random Forest, Naïve Bayes Classifier, Decision Tree, K Means Clustering.
- Multivariate Techniques - Factor Analysis, Principal Component Analysis, Structural Equation Modelling, Multiple Linear Regression, Discriminant Analysis.
- Time Series Models – ARIMA, ARCH, GARCH, Exponential Smoothing.

CERTIFICATIONS

- Data processing using python – Indian Statistical Institute, Bangalore.
- Data analytics and machine learning – LTI Mind Tree & Hope Foundation