

KAVYA DHARUMARAJ

DATA SCIENTIST

A Data Science aspirant with a background in Testing, looking for a challenging environment that could push me out of my comfort zone. I'm excited to learn about the new opportunities in data science field where I can leverage my skills and discover insights and tell meaningful stories that can make impact in real world.

CONTACT DETAILS

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Madurai, India

<https://www.linkedin.com/in/kavya-d-450503169/>

<https://github.com/Kavya2099>

SKILLS

- Python(NumPy, Pandas, Scikit-Learn)
- Machine Learning
- Data Wrangling and Data Exploration
- Data Extraction and Transformation
- Debugging
- Deep Learning Basics

PROFESSIONAL EXPERIENCE

Accenture | Jan 11, 2021 - Present Application Development Associate

Worked in Air Cargo Reservation and Capacity Application upgrade from v6.0 to v8.1 which went live in May 2022

Responsibilities as Manual Tester

- Discovered and reported 110+ bugs in the test environment
- Contributed by testing 50+ defect retests with minimal defect reopening in 20+ weekly new releases
- Executed 200+ regression test cases and 100+ client test cases on the test environment within the given time frame
- Executed critical test cases for 15+ weekly releases
- Worked in go-live build project and contributed in defect triage as well as in defect retest in UAT environment
- Worked in finding RCA for the bugs that were to be delivered in post go live and in maintenance releases.

PROJECTS

Heart Attack Analysis & Prediction

- Predicting whether the user has a chance of getting a heart attack is considered to be a significant role in medical analysis.
- Using classification algorithms to create model and picking up the best model based on AUC score and accuracy
- Achieved 98% accuracy score with testing dataset

Movie Recommendation system

- Created a Movie recommendation system that could help getting new users for online streaming services
- Created models based on content-based and collaborative based filtering methods and recommending the top 10 movies

Car Price Prediction

- To predict the price of a used car based on its features, in order to make informed purchases so that the user can decide whether a used car is worth the posted price
- Created models based on different regression algorithms and picking the best model based on Mean Absolute Error (MAE) and Mean Squared Error(MSE)

INTERESTS

- Drawings and color pencil works
- Watercolor paintings
- Calligraphy
- Digital drawings
- Art and Craft works
- Reading Comics

ACHIEVEMENTS

- Won “On the Spot” award for outstanding contribution in Accenture for the year FY21 H2
- Awarded with “The Extra Mile Award” in the Offshore – Team Category for outstanding contribution to Clients, People and Organization.
- School Topper in HSE and 2nd Topper in SSLC

PERSONAL PROFILE

NAME : KAVYA D
DATE OF BIRTH : 20-04-1999
GENDER : Female
LANGUAGES : Tamil, English

CERTIFICATIONS

British Airways Data Science Virtual Experience Program on Forage - November 2022

- Analyzing customer reviews using sentimental analysis to sort positive and negative reviews which would help company to accommodate customers better in future
- Applying web scraping in unstructured data
- Creating a classification model to predict customer buying behavior
- Preparing a presentation to highlight our insights and analysis

EDUCATIONAL QUALIFICATION

2016-2020
Bachelor's Degree in Electrical and Electronics Engineering

Sri Venkateswara College of Engineering, Sriperumbudur
CGPA- 9.43

2014-2016
Higher Secondary School Certificate

Railway Mixed Higher Secondary School, Madurai
Grade- 85.3%

2012-2014
Secondary School Leaving Certificate

Railway Mixed Higher Secondary School, Madurai
Grade- 97.2%