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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https://kavya2099.github.io/Portfolio/

https://www.linkedin.com/in/Kavya2099/

https://github.com/Kavya2099

https://medium.com/@Kavya2099

SKILLS

- Python(NumPy, Pandas, Scikit-Learn)
- Machine Learning
- Data Cleaning and Transformation
- Debugging
- Deep Learning basics
- SQL 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 using classification algorithms.
- Achieved **98%** accuracy score with testing dataset

EDA on the Online Payment Fraud Detection
- Exploratory Data Analysis on the Online Payment Fraud Detection using python and providing insights
- Identified around 8213 fraud transactions happened which constitutes around 0.13% of total 6 lakh transactions happened

Asian games athletics web scraping using python
- Web scraping the list of countries who bagged medals in athletics from the year 1951-2021 in Asian Games using Beautiful Soup
- Created two datasets- 1. Data set of winning countries represented in Country Code 2. Dataset with country code along with full countries names

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)

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

NSW Government Data Analytics Virtual Experience Program on Forage - December 2022

- Analyzing workforce data and report on trends in part-time working over the last 4 years and forecasting the future if the current trends continue

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%

INTERESTS

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

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.

PERSONAL PROFILE

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