ADARSH CHIKKASWAMYGOWDA

Data Scientist

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SUMMARY

Master Degree in Sustainable Technology & Management with obsession to work among top-notch people to solve bigger problems. I read books to understand the fundamentals of dealing with people and work on real time projects & courses to reinforce my data interpretability and problem solving skills.

SKILLS

PROGRAMMING
Python, SQL, R and HTML

SOFTWARE
Power BI, Jupiter Notebook, R Studio, Visual Studio, IBM Cognos and MS Excel

Machine Learning
Sci-Kit Learn, Stats Models, Numpy, Pandas, Scipy, Matplotlib and Seaborn

Deep Learning
ANN, RNN and CNN

Data Analysis
Data Cleaning, Feature Engineering, Data Modeling and Model Refinement

Data Bases
MySQL, Db2 and MongoDB(basics)

EDUCATION

MEng. Sustainable Technology Management

SRH Berlin University of Applied Sciences
2020 Berlin, Germany

GPA
1.79 / 4.0

- Artificial Intelligence I and II
- Data Analysis and Programming Languages
- Software Development and Applications.

Master Thesis

Customer Segmentation with An Extended RFM model

Accuracy
93 % / .927

- **Problem Statement:** Over 85% of new product launch are failed due to poor Market Segmentation. Therefore, New efficient Model is vital for the efficient classification
- **Research Gap:** RFM model is a traditional and most frequently used model (over 79%) however, it has a limitation in exclusion of dynamic buying habits of customers
- **Approach:** My research introduced new attribute, interpurchase time(T) to regular RFM which include the dynamic purchase behavior of customers
- **Result:** Achieved silhouette score of 93% which outstand over regular RFM with 91%

PERSONAL PROJECTS

Titanic - Machine Learning from Disaster

https://www.kaggle.com/code/adarshcgowda/enjoy-learn-titanic-survival-beginner-guide

***Problem Statement**: To use machine learning to create a model that predicts which passengers survived the Titanic shipwreck.*

- **Approach**: Preprocessing unstructured data, EDA , training model with train data and evaluating model with test data. Models used were Support Vector machines, Desicion Tree, Random Forest, Logistic Regression and K Nearest Neighbors
- **Result**: Obtained model accuracy of 86%
- **Achievement** : Obtained **Silver Medal** for the notebook by Kaggle.

Price Prediction of used Car

https://www.kaggle.com/code/adarshcgowda/car-used-price-prediction-95-accuracy

***Problem Statement**: Identify important attributes and build price prediction model*

- **Approach:** Wrangling missing data, EDA with Pearson Coefficient, Chi-sq. test, ANOVA to identify potential attributes and developed MLR, Ridge regression and polynomial regression to predict price. Cross-Validation was used to split data to test and hyper parameter alpha was used to optimize model
- **Result**: 95% accuracy score was obtained with polynomial regression.

EXPERIENCE

Data Analyst Intern

ZF Commercial Vehicle Solutions
02/2022 - 11/2022 Hannover
https://shorturl.at/loqz4 (recommendation letter)

Department: Product Management and Aftermarket

- Creating interactive dashboard to visualize KPI and flow of highly sold products in Brazil region using Power BI
- Optimization of high-runner products for process improvement and acheived 17% increase in sale by Brazil region for 2022
- Cleaning of Unstructured data for maintenance of the database using MS Excel (Pivot table and VLOOKUP)
- Normalizing product information data to match requests with technical experts
- Complete ownership, planning and prioritization of project tasks
- Analyze and evaluate market data to support the creation of business scenarios and revenue forecasts.
- **Skills Developed**: Quick Learning, Attention to Details, Multi-tasking, Story Telling with data and Work Collaboratively.

CERTIFICATIONS

IBM Data Science Professional

IBM

The program consists of 7 different courses from data analytics Introduction to Data Refinement.

- **Tools**: Jupyter / JupyterLab, R Studio, and Watson Studio
- **Libraries**: Pandas, NumPy, Matplotlib, Seaborn, Folium, ipython-sql, Scikit-learn, ScipPy
- **Task:**Extract, Wrangle data, graph plots, regression models dynamic Python dashboard,Train and compare machine learning models.
- **Credentials**: YHKWCUE6XEN8

Databases and SQL for Data Science

IBM

- **Tools:** MySQL
- **Task**: Fundamentals of SQL Statements, String Patterns, sub-queries, access databases in Python and SQL magic command using Jupyter notebook.
- **Credentials**: c81f0e295b65aff0876d3327f5665138

MS Power BI for Data Visualization

Udemy

- **Tools**: MS Power BI
- **Task**: Transform raw data into professional-quality reports and dashboards. Creating Relational Data Model, Adding Calculated Fields with DAX, Visulaizing Data with Reports and introduction to AI tools like decomposition trees, key influencers, smart narratives and natural language Q&A.
- **Credentials**: UC-76b06229-ed15-423b-8da7-5b954c2417dc