ARDHENDU SHEKHAR BEHERA

Data Science

WORK EXPERIENCE

ARBOT ANALYTICS INDIA PVT.LTD
Junior Data Scientist
- Working under multiple projects of BFSI, Health Care and Retail domain.
- Building Recommendation Engine for products and applying Associative rules for patter mining.
- Prediction of Credit Card Fraudulence involves Cooking Data, Pre-process, Modeling, Prediction and Accuracy Improvement.
- Sentimental Analysis for product to predict the positive and negative sentiments of the reviews.

Technology and tools use: - Python, Machine Learning, Deep Learning, Statistics, NLP, Tableau

PROJECTS

Default Rate Assessment System
(*https://github.com/asbpintu/Default-Rate-Assessment-System.git*)
- Successfully led a project analyzing data on loan applicants for a bank to find potential defaulters.
- The project involved risk analysis of loan defaulters, and I developed a predictive model that accurately predicts the probability of loan default based on factors such as credit score, income levels, and debt-to-income ratio.
- After analyzing some factors, I found that individuals above the age of 50 have a lower default rate. Additionally, when the credit amount is less than 3 million, there is a higher likelihood of encountering defaulters.

Customers feedback Analysis
(*https://github.com/asbpintu/Customers-Feedback-Analysis.git*)
- Gathered customer ratings and feedback from more than 3000 users for the Amazon Alexa product.
- Employed natural language processing (NLP) techniques to preprocess and cleanse textual data. This involved tasks such as tokenization, stemming, and removing stop words.
- Utilized various classification models, including Decision Trees, Random Forests, SVM, Logistic Regression, KNN and XG Boost to develop a predictive model.
- Also used Deep Learning Model ANN, RNN and conducted sentiment analysis to categorize feedback into positive and negative sentiments.

Sales Tracking and Forecasting
(*https://github.com/asbpintu/Analyzing-Sales-Tracking-and-Forecasting-for-a-Superstore-A-Power-BI-Case-Study.git*)
- Designed and developed visually appealing dashboards and reports using Power BI to provide clear and concise insights into sales performance metrics.
- Conducted in-depth analysis of historical sales data to identify trends, patterns, and key performance indicators. This helped identify sales opportunities, areas of improvement, and potential risks.
- Used Power BI's advanced forecasting and predictive modeling functionalities to generate precise sales forecasts, enabling organizations to make data-driven decisions regarding inventory management, resource allocation, and goal setting.

CONTACT

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SKILLS

Hard Skills:
- Data Analysis
- Reporting
- Artificial Intelligence
- Model Building
- Time Series and Forecasting
- Data Visualization
- Azur Machine Learning

Techniques:
- Predictive Analytics
- Exploratory Data Analysis
- Natural Language Processing (NLP)
- Computer Vision
- Image and Video Processing

Tools:
- Python
- SQL
- R Programming
- Tableau
- Power Bi
- TensorFlow
- Hadoop
- Apache Spark
- Flask
- Streamlit

EDUCATION

- **Master of Science (Statistics)**
  Utkal University, Bhubaneswar
  2018

- **Bachelor of Science (Statistics)**
  Utkal University, Bhubaneswar
  2016

CERTIFICATION

- Full stack Data science and AI
- Google Data Analytics
- Data Analysis with Python
- SQL for Data science
- Power Bi essential learning
- Tableau