Shubham Changan

Data Scientist

Data Scientist with 3.1 years of experience. Competencies in executive data-driven solutions to increase efficiency, accuracy, hands on EDA, and utility of data processing. Knowledge of gathering, cleaning, and organizing data. Experienced in executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing, creating data regression models, using predictive data modelling as well as scripting language Python to solve Industrial Problems. Advanced understanding of Algebraic, Statistical, and other analytical techniques.

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in www.linkedin.com/in/shubham-changan-007488231

○ github.com/shubhamchangan

TECHNICAL SKILLS

Languages:
Python

Database:
SQL

Cloud:
AWS

Data Science Library:
NumPy, Pandas, Matplotlib, Seaborn

Machine Learning Algorithms: Linear Regression, Logistic Regression, Decision Tree, Naïve Bayes, Random Forest, SVM, KNN, KMeansClustering

WORK EXPERIENCE

Data Scientist

Honeywell   *Pune*
04/2019 – Present

Data Science Intern
AVIRO Global Solutions   *Bengaluru*
10/2018 - 03/2019

PROJECTS

1. Retail Demand Forecasting

(01/2021 - 06/2022)

Objective: There are many decisions that need to take while running and growing a business. Understanding sales is the key to making better decisions. So it is important to predict sales by businesses to increase revenue and reduce waste.

Roles and Responsibilities:
- Understand the given data and relationships amongst each other.
- Responsible for designing, implementing, monitoring, and maintaining our machine learning system that forecasts the prediction.
- Build predictive models and machine-learning algorithms
- Perform Data Pre-processing, Data Visualization techniques.
- Take feedback from analysis, end-users, and domain experts to perform model calibration, Bug fixes, and enhancements.

2. Demand Forecasting For ATM Cash

(01/2020 - 12/2021)

Objective: ATMs provide convenience to the customers and support various financial services. It is important to predict cash demand in ATMs, to maximize income from transactions and satisfy customer demand for cash.

Roles and Responsibilities:
- Understand the banking terms and their relationships with each other.
- Collecting a large number of data samples for training and testing the model.
- Evaluating & Identifying the right Machine Learning and data science techniques & toolsets to address a variety of predictive analytics problems
- Work with partners to translate business challenges into Data Science problems and analyze various kinds of data to conclude actionable insights

VCS
Git, Github

IDLE
IDLE, Pycharm, VS code, JupyterNotebook, GoogleColab

- Present findings, share insights; and make recommendations that impact profitability, growth, and customer satisfaction.
- Effectively communicate results with the client in written, oral and presentation formats.

3. Improving Customer Retention

(05/2019 - 12/2019)

Objective: Customer Retention Improvement in Automobile Industry

Roles and Responsibilities:

- Understand the given data and relationships amongst each other.
- Responsible for designing, implementing, monitoring, and maintaining our machine learning system that forecasts the prediction.
- Use of algorithm for up-sell, cross-sell and bundling opportunities which plays important role in customer retention.
- Build predictive models and machine-learning algorithms
- Perform Data Pre-processing, Data Visualization techniques.
- Collaborate with engineering and product development teams
- Take feedback from analysis, end-users, and domain experts to perform model calibration, Bug fixes, and enhancements.

EDUCATION:

Bachelor of Engineering
Shivaji University Kolhapur