Onkar Salunke

DATA SCIENTIST

AI Professional with around 3.4 years of functional expertise in preparing data, developing and deploying highly scalable machine learning models. Hands-on experience in building and running Machine Learning models in low power edge devices with reputed organization.

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EXPERIENCE

Data Scientist

Persistent Systems Limited *April. 2020 - Present*

- Excellent applied statistics skills, such as distributions, statistical testing, regression, etc.
- Great understanding of machine learning techniques and algorithms.
- Exposure to Time Series, Deep Learning & Natural Language Processing.
- Extensive predictive analytics experience with Python.

TECHNICAL SKILLS

- Knowledge of Machine Learning.
- Python/ML Packages: Scikit Learn, Pandas, Numpy, RegEx, Matplotlib, Seaborn for visualization.
- Text Processing: NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Bag of Words.
- Algorithms: Linear Regression, Logistic Regression, Naive Bayes Classifier, k-NN, Support Vector Machines, Decision Tree, Random Forest, Gradient Descent, Time Series Analysis.
- Programming Languages: Python, SQL Database connectivity.
- Web stack: Flask.
- Cloud Platforms/Services: Google Cloud Platform (GCP), AWS.
- Operating Systems: Linux, Windows.

PROJECTS

Power Demand Forecasting using Time Series Analysis

The client focuses around building an AI-controlled programming, that will establish an ideal climate and save power. The organization improves on giving conveyed power interest, during the pinnacle and simultaneously cutting the interest at least utilization.

Domain: Power Generation

- The collection of historical data to analyse model. This also includes getting access to domain experts and gathering information that can help to best interpret the historical information, and ultimately the forecasts can be made.
- The use of simple tools, like graphical and summary statistics, to better understand the data. Review plots and summarise and note obvious temporal structures, like trend seasonality, anomalies like missing data, corruption, and outliers, and any other structures that may impact forecasting.
- Assess two, three, or a suitable of models of varying types on the issue. Models might be chosen for evaluation based on the presumptions they make and regardless of whether the datasets conforms. Models are designed and fit to the historical data.
- The model is used to make forecasts and the performance of those forecasts is evaluated and skill of the models estimated. This may involve back-testing with historical data or waiting for new observations to become available for comparison.

Credit Risk Prediction Model

Client empowers to speed up advance loan approvals and further develop efficiency across conveyance channels. Moto is to assemble a ML model that on real time could assess the customer's credibility.

Domain: Finance Banking

- Assessing and pre-handling customer's credit information and budget reports to determine the level of risk implied in loaning cash.
- Applying appropriate machine learning algorithms in order to create customized data models.
- Work on all phases of a data science / ML project - exploration and conceptualization, POC (proof of concept), data preparation, model development and testing, deployment, monitoring and debugging, continuous improvement.

Report Management System for Development Centric Topics

Document Classification Systems refers to managing and accessing the docum ents electronically. By classifying text, we are intending to appoint at least one classes or classifications to an archive, making it more straightforward to oversee and sort. Then, at that point, create a list of document types and allocate at least one extraordinary catchphrase or expression that will just show up in that document type.

Domain: Document Classification

- Analyze structured and unstructured data at scale to derive new insights and opportunities.
- Build and validate predictive models.
- Contribute to internal research and development efforts in cutting edge areas including NLP, graph analytics, and AI.

EDUCATION

Bachelor of Engineering (B.E.)

Nutan Maharashtra Institute of Technology, Pune. *2013 - 2017*

67%

Diploma in Engineering

V.V.P Polytechnic, Solapur. *2013*

77 %

SSC

S.G.V Pimplaner,Madha,Dist-Solapur. *2011*

62 %

STRENGTHS

- Creative, strong logical and analytical ability.
- Very strong and effective organizational skills.
- Keen & Perfectionist and want everything to be done right the first time.
- Zeal to get things done on time and never postpone them.

LANGUAGES

English, Marathi, Hindi.

HOBBIES

Reading Books, Playing Cricket, Playing Badminton, Travelling