PARTH SHAH

A/704 Vikas Towers Amboli Andheri East, Mumbai, India – 400069 | parth981@gmail.com | +91 9821349231

LinkedIn : www.linkedin.com/in/parthshah007

EDUCATION

K J Somaiya Institute of Engineering and Information Technology   **2014 - 2018**

Bachelor of Engineering (B.E), Information Technology

CGPA – 7.48/10

Work Experience

Accenture, Pune, India Internship   **August 2018 – December 2018**

1) Fabricating websites using technologies such as Angular Js , React , HTML , CSS , Java script

Cartesian Consulting, Mumbai, India   **January 2019 - Current**

Data Analyst

1) Solving Business problems and provide Business solutions through analytics.
2) Bringing Insights from Data using Statistical Models such as Linear regression and Machine Learning Model such as XG Boost , Random forest etc on R or Python with the help of Database such SQL and Oracle .
3) Automating SQL or Oracle Query's by Creating Stored procedures and Cursor which can be used by Cronjob in Linux.
4) Creating End to end ETL jobs using Pentaho.

Projects

1) **AI-Driven Technical Box for India's leading Stockbroker Company.**
   - Automated ETL using Pentaho for Daily data loading of 52 tables.
   - Created Stored Procedures and Cursor for Complex SQL Queries.
   - Used Shell Scripting to Automate the Daily Requirements.
   - AI-Driven Multi Arm Bandit and Reinforcement Learning.
   - Genome Cosine Similarities for personalized recommendation.

2) **Customer's Next Probable Transaction.**
   - Predicting Customer's Next Probable Transaction Using Statistical and Machine Learning Algorithms.
   - Oracle was used for end to end ETL and Data Creation for Model.
   - 5 models + Neural Network were created for the final Output.
   - Client Propensity Model (Who to prioritize in Next Month)
        Method for Prediction - XG Boost
        Method for interpretation – Logistic Regression
   - Individual Category Models (Who is most likely to Buy a particular category)
        Method for Prediction – XG Boost
   - Product Recommendation Overlay using Ensemble Techniques.
        Method – Neural Nets to Calibrate and Rank.
   - One click end to end Pipeline was Created from Data Loading to final Output List.

3) **Targeting Analytics.**
   - Helping company to target the most eligible customer depending on their data using Machine Learning Algorithm.

4) **Multifactor Authentication for security**
   - A system which does not involve any network in between to authenticate user with the help of one-time Password which is generated with the help of IMEI and IMSI numbers using MD5 and SHA256 hash chaining techniques.

PARTH SHAH

A/704 Vikas Towers Amboli Andheri East, Mumbai, India – 400069 | parth981@gmail.com | +91 9821349231
LinkedIn : www.linkedin.com/in/parthshah007

Software Skills

1) **Programming Languages** : Java, R, Python, MySQL, Oracle, UNIX Shell Scripting.
2) **Web Development** : HTML, Angular JS, CSS, JavaScript
3) **Design and Simulation Software**: Eclipse, NetBeans, Pentaho, Knowage, Amazon Sagemaker, Natezza, MySQL Workbench, Aginity Workbench, Jupyter.
4) **Statistical and ML Modelling Techniques** : Linear Regression, Logistic Regression, Random Forest, XG Boost, Decision Trees, Topic Modelling.

Certification/ Workshops

1) Securing 89% in In-house Python and IOT Internship conducted by a multidisciplinary professional engineering institution (IET) & Computer Society of India (CSI).
2) Pursing AWS Sagemaker and Machine Learning by Stanford Certifications.
3) Delegate at Harvard-India Initiative Conference 2020

Awards and Achievements

1) Best Project of the Year by Cartesian Consulting for Segment of One box in August 2019
2) Innovation of the Year by Cartesian Consulting for MAB(Multi Arm Bandit) implementation in Segment of one box in August 2019.
3) Winner National level project Competition INTECH 2018.
4) Finalist at US Harvard-India initiative conference Ignite Challenge 2020.
5) 7 Marathon Medals.
6) Awarded Certificate of Appreciation for Outstanding role as Treasurer of Institute of Engineering and Technology(IET) Committee at K.J Somaiya Institute of engineering and technology for 2017-2018.
7) Organized Events with a footfall of 300-350 Under the banner of Institute of engineering and Technology (IET) such as "Nurturing intelligence and curious engineers" regional and national level (NICE 2017),"Present around the word "(PATW 2017) , Technical Festival Renaissance 2017.