

JAYSHREE DUDHAL

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TECHNICAL SKILLS

ETL & Database Tools: Alteryx, Informatica, erwin DM, MySQL, SQL server, Teradata Studio, Apache Airflow
Visualization Tools: Tableau, Power BI, QlikView, Qlik sense, D3.js, IBM Cognos, Spotfire, MicroStrategy
Data Analysis Tools: R, Python, SPSS, SAS
Programming Languages: Java, MATLAB, VB Macro, HTML
ML Models: Regression, SVM, PCA, Naive Bayes, Neural Nets, Random Forest, K-Means, KNN, AdaBoost, XGBoost
AWS Ecosystem: Kinesis, Elasticsearch, Kafka, Redshift

EDUCATION

Northeastern University, Boston - GPA: 3.84 Jan 2018 – Dec 2019
Master of Science in Data Analytics

Vidyalankar Institute of Technology, Mumbai - GPA: 3.7 Aug 2009 – Jun 2013
Bachelor of Engineering in Electronics

WORK EXPERIENCE

Point Focal, Boston, MA Sep 2019 – Dec 2019
Project Intern – Business Intelligence Analyst

- Automated the process to daily extract reference and market data from IEX using API connector and performed data cleansing - **Alteryx**
- Designed a model using LDA and K-Means clustering to perform sentiment analysis – **R**
- Implementing dashboards for traders to visualize estimate data and trends in the market data - **Spotfire**

Schneider Electric, Boston, MA Jan 2019 – Jun 2019
Talent Acquisition Data Analyst

- Developed dashboard for North America TA team to provide monthly trends on the number of hires and open positions - **Tableau**
- Managed the resource hiring tool and performed analysis to determine the KPIs and KRIs for the Talent Acquisition team – **Python**
- Designed data pipelines to extract data from Oracle Business Intelligence (OBIEE) and perform complex business transformations – **Alteryx**
- Established procedures for ensuring data quality by acting as the **data steward** in the **data governance** group
- Designed a data warehouse model to manage and efficiently store data from different sources - **erwin DM & SQL**
- Implemented scorecards for executives to dynamically aggregate data on periods and measure performance of the hiring team – **Tableau**
- Delivered ad-hoc analysis on raw data and created on-demand visualizations – **R**

Viacom, New York (volunteer) Aug 2018 – Dec 2018
Project Intern - Data Engineering and Business Intelligence

- Analyzed the demographic data to create a strategy to determine potential revenue generated by Viacom – **Python**
- Performed data modeling on Facebook data to predict the number of impressions per page per second - **Python**
- Designed and modeled the MS Access database to organize the data from multiple excel sheets – **MS Access**
- Built dashboard to visualize the dispersion of users based on factors like age, gender, locale, city, state – **Tableau**

Accenture Services Pvt. Ltd., Mumbai, India Dec 2013 – Dec 2017
Software Engineering Data Analyst

- Created dashboards for project managers to visualize employee chargeability KPIs - **QlikView**
 - Designed and built dashboards for the managers to effectively perform supply, demand planning, and what-if analysis – **Tableau**
 - Collaborated with data modeling team to design the analytics data warehouse - **erwin DM & SQL**
 - Designed and scheduled mappings, sessions, and workflows for processing live transactional data - **Informatica**
 - Formulated and implemented data strategies to boost dashboard performance by 25% and received **Accenture Top Performer** award
 - Performed the role of a business analyst by gathering requirements and managing the application lifecycle – **JIRA**
 - Led a team of 2 developers in **sprints** to design and finalize prototype dashboards using client feedback – **QlikView**
 - Automated the testing process which **saved 80 hours** of effort and rewarded with the prestigious ACE award - **Java Selenium**
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ACADEMIC PROJECTS

- Designed a real-time dashboard of harmful gas levels in Chicago using data from AoT sensors - **Alteryx & Tableau**
 - Built a linear regression model which can predict the winner of next IPL season based on historical team and player data - **R**
 - Developed an image processing model which can detect the edges in a brain MRI and highlight the tumor area if present – **Python**
 - Implemented a logistic regression model to predict the levels of insulin in the peptide – **R**
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CERTIFICATION

- Alteryx Designer Core
- ISTQB Foundation Level