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| **Objective** |



Highly accurate and experienced Data Scientist adept at collecting, analysing, and interpreting large data sets, developing new forecasting models, and performing data management tasks. Possessing extensive analytical skills, strong attention to detail, and a signiﬁcant ability to work in team environments.

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| **Snapshot** |

* 3.6 years of Experience in Data Science and Risk Management
* MBA Finance from IMT Ghaziabad
* Qualified level 1 of CRM & FRM
* Model risk management
* Hands on experience of tools like Excel, VB Script and Tableau
* Working knowledge of Python, SQL, Python libraries like Pandas, Numpy, Scikit-learn etc.
* Hands on Experience of Exploratory data analysis, Feature Engineering etc.
* Working knowledge of Machine Learning Algorithms: Linear, Logistic Regression, Lasso & Ridge Regression, Naïve Bayes, Decision Trees, Random Forest, SVM, K-means, KNN, DB Scan, SVM etc.
* Knowledge of Statistics

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| **Technical Skills** |

* Programming Languages: Python, SQL, Visual Basic
* Python Libraries: Pandas, Numpy, Sklean, Imblearn
* Technologies/Tools: Jupiter, Tableau, VB Script, MS Excel
* Databases: Oracle, Factset, Thomsonone, Capital IQ, Factiva and Bloomberg
* Machine Learning: Regression, Classification, Clustering

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| **Present Employer Work Experience 3 years 6 months** |



**Evalueserve**: Senior Business Analyst **(Apr 2019- Present)**

**Key Responsibilities:**

* Working on predictive modeling techniques, benchmarking and model validation related to credit risk (PD, LGD, EAD) single and multifactor models, and other
* Credit Risk Analytics
* Modeling techniques includes Merton, Longstaff-Schwartz, Black-Sholes
* Handling ad-hoc requests

**HCL Technologies:** Software Engineer (**Feb 2015- June 2017)**

**Key Responsibilities:**

* Write code in Python to manipulate data for data loads, extracts, statistical analysis, modelling and data munging.
* Work on data cleaning, aggregation, transformation, balancing and analysis of data through Python libraries like NumPy, Pandas.
* Work on Feature Engineering, Feature Selection & Feature Scaling techniques.
* Handle categorical features suing various Encoding techniques.
* Worked on data exploration, preparation, outlier detection, dimension reduction.
* Work on Exploratory Data Analysis using Matplotlib, Seaborn.
* Work on Hyper parameter tuning using GridSearchCV & RandomisedSearchCV.
* Applied Working knowledge in Machine Learning algorithms using Sklean library (worked on Linear, Logistic Regression, Lasso & Ridge Regression, Naïve Bayes, Decision Trees, Random Forest, SVM, K-means, KNN, DB Scan, SVM etc).
* Work on Model evaluation using Accuracy, confusion Matrix and Cross Validation.

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| **EDUCATION** | | | | |
|  | **Qualification** | **College/ University** | **Year** | **CGPA/ %** |
|  | PGDM-Finance  B.Tech (ECE) | IMT, Ghaziabad  Dronacharya College Of Engineering/Maharishi Dayanand University | 2019  2014 | 71  60.64 |
|  | XII | Blue Bells Model Sr. Sec School/CBSE | 2009 | 73.8 |
|  | X | Blue Bells Model Sr. Sec School/CBSE | 2007 | 87.4 |
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| **OTHER PROFESSIONAL QUALIFICATIONS/ CERTIFICATIONS** |

* Qualified Level 1 of May 2018 exam of the FRM Program, GARP Institute, USA
* Qualified Level 1 of June 2018 exam of the CFA Program, CFA Institute, USA

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| **SUMMER INTERNSHIP AT IMT** | |
| **POWERGRID CORPORATION OF INDIA** | **2nd April 2018 – 28th May 2018** |

Project Title: Project Appraisal and Financing in power Transmission projects

Objectives:

* To familiarize with the costing of equipment associated in commissioning of the transmission project.
* Comparison and evaluation of various project financing methods.
* To compute the present value of future cost and cash flows associated with the project.

Deliverables/ Recommendations:

* Conceptualized the use of Monte Carlo Simulations to study scenario analysis and possible Risk that might arise
* Successfully computed the NPV and IRR for Detailed project report.

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| **EXTRA CURRICULAR ACHIEVEMENTS** |

* Certificate of participation - Technical Analysis Workshop, by The Money Roller, IMT Ghaziabad.
* Volunteer at Art of Living organisation.