

Summary

- Over 3.6 years of experience in DWBI (Data warehousing & Business Intelligence). Expert in developing and implementing complete BI/DW solutions using agile methodologies, data modeling, ETL application, Reporting & Visualization.
- Strong knowledge in data mining with broad understanding of supervised and unsupervised learning methods like Regression, Decision Tree, SVM models, clustering.

Education

Rutgers Business School

Newark, NJ

Master's in Information technology & Analytics | GPA **3.83**

Sep. 2018 – Dec. 2019 (Expected)

Coursework: Statistics & Machine learning, Multivariate Analysis, Business Forecasting, Data Analytics Visualization, Project Management

Guru Gobind Singh Indraprastha University

New Delhi, India

B. Tech in Electrical & Electronics Engineering

Aug. 2009 – May.2013

Skills

- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, Seaborn, Plotly, scikit), R, SAS (MACROS, PROCs, SQL, STAT, ODS)
- **Databases:** MySQL, MSSQL, Teradata, Oracle, MS Access
- **ETL Tools:** Informatica Power Center, SSIS, Tableau
- **Visualization Tools:** Tableau Desktop, R Studio, Microsoft SQL Server Reporting Services (SSRS), Cognos Studio, SAS Studio, Power BI

Experience

Infosys Limited

Hyderabad, India

Senior Systems Engineer

Nov. 2014 – June. 2018

Role: Data Analyst (Client: Largest telecom provider in USA)

- Engineered on **Informatica Power Center** tool – Source Analyzer, Data warehousing designer, Mapping & Mapplet Designer, and Transformation Designer.
- Extensively developed 45 mappings to perform ETL of source data into the OLAP/data warehouse.
- Efficient in utilizing **SAS Functions, SAS Procedures, Macros** for data updates, data cleansing and data reporting.
- Promoted processes on Teradata using shell scripting and RDBMS utilities such as **Multi-Load, Fast Load, Fast Export, BTEQ Teradata**.
- Enlightened different type of reports and dashboards including Sales Reports, Client Contact Report, Accounting Statement Report, Employee/benefits census report, Benefits statements reports by using **Cognos Studio, SSRS and SQL Server 2012**.
- Performed competitive intelligence analysis and monitored industry trends on telecom consumers (prepaid and postpaid), conducted extensive primary and secondary market research to define our target market using **Google Analytics**.
- Experience with Agile/Scrum, TDD/BDD.

Projects

FIFA 2018 world cup winner prediction | R Studio | Individual

Sep. 2018 – Oct. 2018

- Predicted 2018 FIFA world cup winner using **logistic regression (42%), random forest (92%) and SVM (99.70%) methods in R**.
- Combined data from different datasets, renamed the variables, filtered out the duplicate, null values and variables which are irrelevant for prediction.

Black Friday Data Analysis | Python | Team of 2

Oct. 2018 – Nov. 2018

- Predicted the personalized sales behavior using the user's purchase history (libraries used **NumPy, Pandas, Matplotlib, Seaborn**).
- Using Python and Statistical models, prepared the better inventory management model for the online store with 67% accuracy.

Market Value Product Analysis | Tableau | Individual

Oct. 2018 – Dec. 2018

- Assessed the business environments for "cloth retailing" industry in Australia using **Tableau** to expand a company's business currently situated in New South Wales
- Methods used: Data source filtering, pivot tables, table calculations, calculated fields, forecasting methods, trend lines and forecasting tools to predict the trend of current and future market with prediction interval of 95%, Data Blending, Box Plots, dashboards, stories

Awards & Certifications

- Best performance "Star of the Quarter – April'2015" Award.
- **Certifications:** SAS Certified Base Programmer, Machine learning – Stanford University (on going), Google Analytics 360, Python & R for Data Science.