



Vijayakanth Gonnabathula

Data and BI Analyst

Analyze | Visualize | Improve --> Predict



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A B O U T M E

Data and BI Analyst with 5+ years of experience interpreting and analyzing data to drive successful business solutions. Expertise in designing and developing dashboards using Tableau. Excellent understanding of business operations and analytics tools for effective analyses of data. Proficient knowledge in statistics, mathematics, and analytics.

S K I L L S

Tableau Desktop, Tableau Prep,

Tableau Server

Data joining & blending, Data prep, Data extracts, Visual Analytics - Calculated fields, Hierarchies, Filters, Actions, Sorting, Grouping, Parameter & Set, Formatting, Mapping, Views, Dashboards, Stories, Data & viz exporting, Publishing to server, Scheduled refresh.

Databases: MySQL

Data Extraction: Advanced SQL queries.

Python

Pandas: Handling missing & null values, Filtering, Extraction, MultiIndex, Groupby Object, Joining & Merging, Date & Times, Text Manipulation, Data visualization.

Microsoft Excel

Power query, Power Pivot, What-If analysis, Solver, KPI's, Filtering, Data validation, Conditional formatting, Pivot tables, Vlookup, Index-match, Charts, Text manipulation, Date & Time, and VBA Macros.

E X P E R I E N C E

MIS and Analytics Lead

FHPL / Hyderabad / Nov'2016 - Present

Roles & Responsibilities: Tableau BI Tool

- Translated business needs into data analysis, business intelligence data sources and reporting solutions for various verticals.
- Created dashboard designing with effective data visualization of large data volumes from various data sources (MySQL server, spreadsheets, CSV etc.)
- Created views in Tableau desktop that were published to internal team for review and further analysis and customization using filters and actions.
- Migrated Existing Spreadsheet reports to Interactive Tableau Dashboards.
- Prepared Dashboards using calculations, parameters in Tableau and created calculated fields, groups, sets and hierarchies etc.
- Developed Tableau data visualization using Cross Map, Scatter Plots, Geographic Map, Pie Charts and Bar Charts, Page Trails, and Density Chart.
- Combined multiple dashboards into a single story to enhance the visual appeal of the report.
- Distributed Tableau reports using techniques like Packaged Workbooks, PDF etc.
- Scheduled data refresh on Tableau Server for weekly and monthly increments based on the new changes to ensure that the views and dashboards were displaying the changed data accurately.
- Data extraction from MySQL server using advanced SQL queries.

Business Statistics

Descriptive Statistics, Random Variables, Probability distributions, Hypothesis Testing, Population comparison, One-way ANOVA. Two-way ANOVA, Correlation, Confidence Intervals.

Machine Learning

Regression:

Linear one variable, multiple variables, Polynomial.

Classification:

Logistic, KNN, SVM, Naïve Bayes, Decision Trees, Random Forest.

Clustering:

K-Means, Hierarchical.

Roles & Responsibilities: Python Data Analysis.

- Created python scripts for data source preparation.
- Performed Exploratory data analysis to understand the data.
- Existing report automation using python scripts.

Roles & Responsibilities: Microsoft Excel, MS PowerPoint.

- Created dynamic data templates in Excel to make the job easy.
- Streamlined entire MIS reporting system and created report schedules for easy management.
- Created process and person productivity report formats.
- Managing of client SLA's.
- Processing & managing of entire departmental KRA's.
- Prepared management level presentations to support in business level meets.

Roles & Responsibilities: VBA Macros.

- Reviewed internal processes and identified the scope of applying VB macros to automate the processing of existing tasks / reports.
- Macros developed for Data preparation, Data consolidation, Data segregation, Individual report file creation, Data updating etc.
- Created tracker for all macro developments for easy management and to understand the improvements in process efficiency.

MIS Engineer

Tata Teleservices Limited – SSE / Hyderabad / Apr'2016 – Nov'2016

Roles & Responsibilities: MS Excel, MS PowerPoint, VBA Macros

- Provide support and maintenance to existing management information systems (MIS).
- Generate and distribute management reports in accurate and timely manner.
- Collaborating data from different teams and making Consolidated Report.
- Generate both periodic and ad hoc reports as needed.
- Analyzing reasons for dip in performance.
- Created Macros to automate the reports according to the requirements.
- Creating presentation for business level meets.

EDUCATION

B. Tech / CSE

S.I.T.E - JNTUK University

2010-2014

LANGUAGES

English: Professional.

Hindi: Working Proficiency.

Telugu: Native.

INTERESTS

Swimming, Cricket, Badminton & Exploring Places.

Introspection & Self-Improvement

ACCOMPLISHMENTS

- In-depth analysis done on User handling time and proposed additional features which improved QMS process metric by 26%.
- Dept. automation SPoC and worked along with EY team for improving process efficiency.
- Product analysis and comparison analysis done for company's mobile app features.
- Forecast model built for predicting the traffic based on historical data.

ADDITIONAL ATTRIBUTES

- Process documentation.
- Creating Business Process Flows.
- Technical Assistance.