**SESHAGIRI GONDALA**

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Currently working as a data researcher III with *Contributors Investment Research* team of S&P Global Market Intelligence I have nearly 8 years of experience in financial analysis & investment research analysis and 3 years in data handling.

**Professional Experience:**

* Hands on experience in Data Cleaning & Data Preprocessing techniques.
* Developed Regression & Machine Learning models in R
* Good knowledge about various domains like Retail, Finance, Real Estate etc...
* Hands on experience in Linear Regression, Logistic Regression, Decision Trees, Cluster Analysis, Time Series algorithms etc., and Text Mining.
* Performing Data pre-processing and Data Analysis using analytical tools like Excel and R, Python..
* Developed models for forecasting sales of various industries using R
* Hands on experience on various statistical models like Regression (Linear & Logistic)
* Hands on experience in market research and interpretation of financial reports like annual 10-K, Quarter 10-Q, IPOS and all SEC filings
* Expertise in analysis of different research reports like Strategic, Economic, Market and Fixed Income reports provided by investment research firms.
* Collection of financial related information like Mergers and Acquisitions, press releases and management changes
* Collection of financial information from different sources (Stock exchanges, company website and Third Party sources)
* Timely interaction with Management for process updates and enhancements
* Providing financial analysis and information that enables all areas of the company to make appropriate business decisions.
* Generate monthly and quarterly reports for current and future market of various industries with the help of forecasting analysis in excel
* Periodical interaction with senior management to obtain company and industry information.

**Technical Skills:**

Analytical Tools : Python, Excel, R Studio

Reporting Tools : Tableau, Excel & PowerPoint

Operating Systems : Windows

Statistical Techniques : ANOVA, Parametric & Non-Metric Tests, Correlations & Multivariate analysis techniques like Regression (Linear & Binary Logistic), Cluster analysis (segmentation), Factor Analysis (Principal Component Analysis)

Machine Learning : Support Vector Machines (SVM), Neural Networks, Natural Language Processing, Text Mining

Data Mining : CART, CHAID, Decision Tree & Random Forest

**Analytics Projects**

**#1: To develop a propensity model to approve or reject a loan application**

 To automate the process of approval/rejection of loan for a financial institute

The financial institute wants to develop a model that helps the organization to take a decision whether to approve or reject the loan application. This model was developed using logistic regression and identified the factors influencing the loan approval. After the model, the process is automated in excel.

**Analytical Tools Used:** Excel & Python

**Techniques Applied:** Graphs, tables, Chi-square test, Logistic Regression

**#2: To develop a model that can forecast the stock price**

Received the data for a period of 5 years which includes date, stock price, open, close & volume on daily basis. Using this data, developed ARIMA model to predict the future stock prices. As part of developing the forecasting model, initially data was analyzed to understand various trends like Seasonality, Cyclical & Irregular components. Based on the trends did smoothing to make the data stationary and developed ARIMA model. Using ARIMA model forecasted the stock price for 3 months.

**Analytical Tools Used:** Excel & R

**Techniques Applied:** Graphs, Moving Averages, Trends, ACF & PACF, ARIMA

**Educational Qualification**

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| **Qualification** | **University/Board** | **Year of passing** | **Marks** |
| MBA | JNTU Kakinada | 2011 | 72% |
| B.Com. | Andhra University. | 2009 | 74% |
| Intermediate | Board of Intermediate Education. | 2006 | 85% |
| S.S.C | Secondary School of Certification | 2004 | 70% |

**Certifications:**

* Completed ‘***Professional in Data Analytics’*** from Fintech Studies, Hyd
* Trained type writer at a speed of 32wpm (Words per Minute)

**Achievements:**

* Received best player award in volleyball conducted by our organization
* Received gold medal being university topper during my bachelors
* Received best student award during intermediate
* Achieved first place in inter-college quiz competitions during intermediate

**Extra Curricular:**

* Actively participated in various seminars and poster presentations
* Voluntarily participated in various blood donation camps
* Participated in various sports competitions conducted by the current organization
* Attended the Seminars conducted by CA Superwhizz MD M.A Gupta