**Kamini Bokefode – DATA ANALYST**

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**KEY SKILLS**

• **Data Analysis** •**Decision Analytics** • **Data Science** • **Big Data Analytics** • **Predictive Modelling** • **KPI Dashboards** • **Big Data Queries & Interpretation** • **Data Visualization** • **Machine Learning Algorithms** • **Business Intelligence (BI**

**EDUCATION**

**The University of Texas at Dallas** *M.S., Information Technology and Management*GPA: 3.97 May 2020

**Dean’s Excellence Scholarship *(Fall 2019 – Spring 2020)***

**Mumbai University** *B.E., Electronics and Telecommunication* GPA: 3.5 Aug 2011

**TECHNICAL SKILLS**

Programming : Python (Numpy, Pandas, Seaborn, Matplotlib), Linux, R, SQL

Analytics : Tableau, Power BI, Qlikview, Alteryx, Advance MS Excel, SSIS, SSRS , SSAS

Database : SQL Server, Snowflake, MySQL, MS Access , Big Data (Spark, Hadoop , Map Reduce),AWS Databases

Data Science : Statistics, Scikit Learn, Keras, TensorFlow , H2O, Web scrapping, Supervised and Unsupervised Algorithms

**PROFESSIONAL EXPERIENCE**

**Business Data Analyst,** Microland Pvt Ltd Sept. 2016 - July 2018

* Improved data transformation process using **python** resulting in 20% decrease in process time and reducing manual tasks
* Delivered actionable **insights** using Excel, **SQL**, **Power BI** to highlight failure patterns and increased customer base by 85%
* Achieved reduction in data processing time and **increase in revenue** by 12% using customized SQL scripts on weekly data
* Played key role in generating **USD 1 million dollar** by preparing datasets, creating dashboards to boost customer acquisition
* Published paper on “Data Visualization Best Practices” to **standardize training** for new recruits

**Data Analyst,** Asterminds Enterprise Solutions May 2015 - Aug 2016

* **Analyzed** past 5+ years of data and developed 25+ unique **Tableau** dashboards 30+ worksheets which are used by management across the globe for daily, bi-weekly reporting and **reduced manual work** by 80%

• Gathered and analyzed 15+ legacy **reports** and re-designed the dashboards as per **Daimler** latest reporting **standards**

• Addressed issues of data team promptly and provided the team with **actionable** **insights** to provide the best reports

• **Automated ETL pipelines** to extract data from multiple sources to MS SQL Server to reduce manual effort using SSIS

* Delivered support to the decision makers by creating **award winning** pictograms, maps illustrating key facts and **trends**

**Technical Support Analyst,** Wipro Ltd. Mar 2012 - Aug 2015

* Automated process using **python** to find frequently occurring issues on service request data and visualized in **MS** **Excel.**
* Created and provided detailed **report** with actionable insights to Development team to fix the common issues from backend
* Filtered, sorted and grouped the data on **Excel** on service requests based on **KPIs** to improve the performance of Team
* Forecasted call flow using the linear **regression** model with python based on 2 years of historical data with 47% accuracy
* **Collaborated** with Team Leads and managers to identify KPI of process and **improved** process performance by around 60%

**INDEPENDENT PROJECTS**

**Run time prediction of parameterizable SGEMM GPU kernel (Scikit, Numpy ,Pandas, Matplotlib)** Jan 2020

Developed Logistic & Linear Regression model from **scratch** using Gradient Descent to predict GPU run time based on configuration data. **Increased** model **performance** by varying learning rates and convergence thresholds to get best parameter estimates. Transformed data using **numpy** and panda libraries to scale the features and increase the model performance **by 30%**

**Australia Labor Cost Analysis Based on Time Series Data (Tableau)**  April 2020

Analyzed monthly, quarterly and Annual **trends** in Labor cost of Australia over last 15 years showing gradual increase in the cost with YoY growth rate of 2.25% and exhibiting least variation of labor cost in the year 2003 and 2013.

**Temperature Trends Analysis (Tableau)** Dec 2019

Compared Global and local average temperature using dual axis and plotting moving averages of temperatures for 150 years.

Identified there is 98% increase in average temperatures of all cities in the world against 28% increase in global temperature.

**Sentiment Analysis of Twitter Data (Hadoop, Pig, Hive, Python)** Nov 2019

Analyzed the sentiments for demonetization to understand whether it had received positive or negative response on twitter to identify that it had more positive tweets than negative by visualizing the data using **Matplotlib**.

Scraped the unstructured data and **transformed** it into tabular format on **HDFS** using dictionary and aggregation functions.