**Praveenkumar. S**

**DATA ANALYST**

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**PROFESSIONAL SUMMARY**

* Data Analytics with BA 5+ years of experience executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing.
* Experienced at creating data regression models, using predictive data modeling, and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.
* Looking to use my Master of Science in Business Analytics to manage statistical machine learning and data-related solutions at your organization.

 **EDUCATION**

Master of Science.

Bachelors of Engineering.

TECHNICAL SKILLS

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| --- | --- |
| **Database** | SQL Developer, MYSQL and Argos. |
| **Cloud** | Google Cloud, AWS, Microsoft Azure. |
| **Python Libraries** | Pandas, NumPy, Seaborn, Matplotlib. GGplot2,OpenCV, Spacy. |
| **Analytics Tools** | Tableau, Power BI, MS Excel, SPSS, Quick books. |
| **Project Management** | Scrum Methodology, Network Diagram, WBS, and Gantt chart. |
| **Other Skills** | Big Data, SQL, Hadoop, Tableau, Python/R |

**Project 1 Business Plan Solution**

 **CEO Foundry LLC – Plano, TX SEP 2020-PRESENT**

**Responsibilities:**

* Worked with different datasets which includes both structured and unstructured data and Participated in all phases of Data mining, Data cleaning, Data collection, variable selection, feature engineering, developing models, Validation and Visualization.
* Used Pandas, NumPy, Seaborn, SciPy, Folium and Sci-kit-learn in Python for developing various machine learning algorithms.
* Experienced in enhancing data warehouse with extensive knowledge of Data mapping, Dimensional
* Modeling, ETL jobs, OLAP operations.
* Experience working with data modeling tools like Erwin, Power Designer and ERStudio.
* Well versed in writing SQL queries and SOQL queries in order to do data manipulation for analysis and reporting.
* Extracted Coordinates from Google using Python and Google API. I created a automation process for future process.
* Knowledge of Information Extraction, NLP algorithms coupled with Deep Learning Developed NLP models for Topic extraction.
* Created a customized NER to extract person name, address, Phone number and Date. I trained the model and used for my data cleaning process.
* Created a complete automation for expansion analysis which includes customized Geographical maps, and the user can choose a location based his preferences

**Project 2 DATA Analyst**

 **CEO Foundry LLC – Plano, TX OCT 2019-AUG 2020**

**Responsibilities:**

* Experienced in data mining with large datasets of structured and unstructured data, data acquisition, data validation, predictive modeling, data visualization.
* Updated company data warehousing techniques such as data recall and segmentation, resulting in a 20% increase in usability for non-technical staff members.
* Updated data streamlining processes, resulting in a 25% redundancy reduction.
* Experience in integrating data, profiling, validating and data cleansing transformation and data visualization using R and Python.
* Used various statistical methods like hypothesis testing, chi-square test, control charts, t-test, Anova, correlation techniques, statistical process control and descriptive statistics.
* Developed various statistical methods, expertise in text analytics, created data visualization, build solutions for Data Mining using R and Python.
* Conducted a data regression analysis of the relationship between company product and marketing trends, Achieved 15% more accurate prediction of performance than previous years.
* Utilized web scraping techniques to extract and organize competitor data.
* Worked on machine learning algorithms like classification and regression with KNN model, decision tree model and logistic regression
* Utilized the following Big Data technologies for Bridgestone Inventory Data Warehouse: Hadoop (HDFS, MapReduce and Hive).
* Expert experience with dimensional modeling, big data solutions and ETL development.
* Worked on a text extraction form pdf and Images using **tesseract**.
* Worked on **Email Extracting** for analyzing performance of the **marketing team.**
* Created **Ad-Hoc** reports on performance and **Extracting** important text content from emails.
* Created customized **Dashboards** which shows top senders and receivers also repeated text from the emails.

**Project 3 Data Analyst Intern**

**CEO Foundry LLC – Plano, TX JUN 2018 - SEP 2019**

**Responsibilities:**

* Created reports to share findings and recommendations with the internal team and other stakeholders.
* Participate as a member of cross-functional squads that includes data analysts, data engineers, software engineers, and business leaders.
* Mined data to produce reports and dashboards in MS Excel using advanced features like lookups, pivot tables, solver.
* Work closely with Research Analyst team to identify unique data points to support research, while also identifying unique tables and graphs to clearly illustrate that information.
* Collaborate closely with both engineers and business stakeholders to guarantee proper implementation of tracking and reporting.
* Maintain and re-engineer existing ETLs to increase data accuracy, data stability, and pipeline performance.

**Project 4 Data Analyst Associate**

**Edelweiss Financial Services, INDIA JUN 2015 – MAY 2017**

**Responsibilities:**

* Built complex SQL reports to audit $2.5 million of pay and benefits for over 2000 individual records.
* Develops metrics that provide data for process measurement, identifying indicators for future improvement opportunities.
* Responsible for Data Preparation, Validation, Reports generation using Statistical Analysis System (SAS) and MS Excel.
* Engaged with onsite system architect to understand business requirements and developed solution design of business model.
* Summarized data into reports for product decision making.