REETI BHAGAT

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SUMMARY

- **Data Scientist / Data Analyst** with a **MBA** with +4 years of professional experience in Marketing and Sales and 2 years of experience in data science and machine learning using Python .
- Skilled in data analysis using SQL, python, business intelligence using Tableau, and AWS cloud management.
- Proficient in statistical modeling, predictive analytics, time-series analysis,NLP and deep learning.
- Certified in data science after completing a very immersive program from Springboard bootcamp and completed two capstone projects.

EXPERIENCE

Tulips, *Data Analyst(2 years)*

- Created data visualization dashboard using Tableau, D3(javascript) seaborn and matplotlib.
- Develop a model using regression to increase the revenue of hospital conducting predictive analytics using tool like python increases revenue from 3 to 6%.
- Utilized descriptive and predictive statistical techniques to measure impact of various actions/studies, internal and external, develop sampling and hypothesis testing to help the hospitals determine outcomes, and forecast and predict future behaviors that explain key findings using tools like python ,SQL and machine learning.
- Studied client data to identify emerging trends and recommend solutions for programs based on analytical findings.
- Executed various MYSQL database queries from python MYSQL connector (SQLite).
- Experience working with JIRA with project management tools.
- Adept at using data processing platforms like Hadoop and Apache Spark.

Health Care Global Enterprises Ltd, *International Marketing Executive/Analyst(2 years)*

- Performed valid and reliable market research SWOT analysis.Responsible for tracking, reporting, and analyzing the performance of marketing activities, ad-hoc analytic requests, and development/automation of regular reports.
- Analyzes external and internal customer data using database queries (SQL, Access), spreadsheet (Excel) models, web analytics tools (google analytics.) and statistical analysis tools.
- Reported on marketing KPIs like leads, conversion rates, website traffic and social media engagement.
- Monitored budget distribution and performance of paid ad campaigns.
- Profile key competitors through in-depth analysis. Communicate critical competitor information throughout the organization.
- Conducted oncology health camps, conferences, CMEs, and round table meetings.
- Analyzes A/B and Multi-variate tests, communicate results and provide recommendations.Created PowerPoint presentations to provide market and consumer insights to other marketing and sales departments.
- Conducted market research focused on oncology and created strategies to create brand awareness.

Oxford University Clinical Research Unit, *Office Manager(2 years)*

- Identify areas for automation in our current processes
- Analyze data and create financial models for decision support.
- Conduct competitor and market analyses to support strategic business development, including research projects and reports.
- Oversaw the selection of equipment used in the facility and ensures that it works properly.
- Involved in the selection and ordering of supplies and handling the financial aspects of the business, such as billing, banking and accounting
- Ensured that the staff utilizes the correct coding when designating the diagnosis or results of procedures.
- Analyze past results, perform variance analysis, identify trends, and make recommendations for improvements

Max Healthcare, *Program co-ordinator(6 months)*

- Oncology departmental MIS Preparation, discussion and strategy formulation to achieve budgeted targets
- · Responsible for co-ordinating and managing business development and operational activity in the hospital and outreach units.
- · Prepare promotional materials(campaigns) for doctors ,patients and communities.
- · Organize Seminars/conference for oncology program
- · Capture, monitor and work towards excellent patient satisfaction

SKILLS

PROGRAMMING AND VISUALIZATION: Tableau, Python, Seaborn, Matplotlib, pyspark, d3(javascript), R
STATISTICAL: Probability and Statistics, Hypothesis testing, Principal component analysis and SVD, Bayesian probability, A/B testing
MACHINE LEARNING: scikit-learn, numpy, scipy, pandas, SQL, Regression, Classification, Time series analysis, Data analysis

EDUCATION

Springboard Data Science Career Track, Certification (Data Scientist)

Student in an online program consisting of 600 hours of hands-on curriculum in partnership with Microsoft, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects. Mastering skills in Python, SQL, data analysis, data visualization, hypothesistesting, and machine learning. Capstone Projects: https://github.com/reetibhagat/Capstone-project2 https://github.com/reetibhagat/capstone-1-covid-19

Georgia Institute of Technology   Aug. 2021 - Current

Georgia Tech's interdisciplinary approach to analytics gives students the opportunity to learn directly from top international authorities on business intelligence, developers of cutting-edge analytics techniques in machine learning, statistics and operations research, and world leaders in big data and high-performance computing.

Simplilearn Master's in Data analytics, Certification

mastered the concepts of statistics, data analytics techniques, Excel analytics functions, Tableau and Power BI, Python, and R programming.

JSS Academy of Higher Education & Research

MBA

Thesis on :Management of the attrition of Human resource in Health care.

PROJECTS

Covid-19 Analysis, Visualization and Forecasting using Time Series Analysis

The main goal of this project is to analyze the spread trend of this virus all over the world and its predictions. I have used time series models to forecast the confirmed and deaths cases. It is implemented in Python on Jupyter notebook. Project outcomes will include a googleCollab notebook containing associated code, reports and presentation in GitHub.

Detecting Pneumonia from X-ray Images

The main objective of project is to help doctors better predict pneumonia in minimal time with high efficiency. The aggregation of this will contribute to the health care system for better patient satisfaction and care.

I have developed Convolutional Neural Network from scratch to classify the medical images. The CNNs will be implemented in Python on Google Collab using the Keras interface to TensorFlow. I will be using GCP/AI platform to build and deploy models. I will also use AWSsage maker to train and deploy the models. Project outcomes will include a google Collab notebook containing associated code, reports and presentation in GitHub.