Bharat Maheshwari

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CAREER OBJECTIVE:

Adept at collecting, analyzing, authenticating, and modeling data sets to improve business operational productivity. Experienced in developing end to end machine learning model using Python and R. Highly competent in using statistical analysis to conduct market research and identifying hidden trends and patterns.

EDUCATION:

MSc Business Analytics   09/2019 – 09/2020

Dublin Business School   Dublin, Ireland

Modules:

- Applied Statistics and Machine Learning.
- Business Strategy.
- Programming for Analytics.
- Requirements Analysis.
- Data Mining.
- Databases and Statistics.
- Business Intelligence and Visualization.
- Project Management.
- Financial and Business Analytics.

Bachelor's in Computer Engineering   08/2014 – 06/2018

Vishwakarma Institute of Information Technology   Pune, India
Aggregate: 65.15% (Irish Equivalent 2:1)

Modules:

- Data Structures.
- Business Analysis and Intelligence.
- Design and analysis of Algorithm.
- High Performance Computing.
- Cyber Security.
- Pervasive Computing.

TECHNICAL SKILLS

- Languages: C, C++, Java, Python and R.
- Web Technologies: HTML, CSS, JavaScript, WordPress.
- Data Analysis and Visualization Tools: Tableau, Microsoft Power BI, SQL Server, Jupiter Notebook, Visual Studio and R Studio.
- Database languages: SQL.
- MS Office : MS Office 2000/2003/2007/2013(Word, Excel, PowerPoint, Access, Microsoft Project)
- OS: Windows7/8/10, Linux-: Ubuntu, Fedora, Kali

PROJECTS:

Project	Langua-ge Used	Problem Statement	Approach	Finding	Tools/Technology
ML	R	To create an application that can perform some descriptive or predictive analytics on a real dataset and implement a minimum one probabilistic model, e.g. **discrete or continuous probability models** on the dataset and visualize the insight and three **classification /regression methods.** Visualize the deep insight in the dashboard environment.	**R studio** built-in dataset is used for analytics as well as an option for adding **.csv** file. For getting some insights about the data, descriptive analytics techniques were used. Discrete Analysis comprises of **Binomial**, **Poisson**, **Bernoulli**, and **Hyper-geometric models**, whereas Continues Analysis comprises of Normal, Exponential, and Uniform Model. Three machine learning technique was used, i.e. **Linear Regression**, **K-Means**, and **Decision Tree**. Visualization is performed using **histogram**, **clustering**, simple plot, and **box-plot**.	-	R-Studio, Shinny App

Strategy Appraisal & Formulation	-	The task is to **formulate a strategy** that will establish HBO Max with a sustained competitive advantage in the video-streaming industry.	Formulate this strategy by Evaluating opportunities and threats in the video-streaming industry, Identifying **strengths and weaknesses** of AT&T (this includes AT&T at the corporate level and HBO at the business-unit level) and its competitors, anticipating competitors' future moves and countermoves, and designing alternative business models to handle these contingencies. Use of appropriate analytical frameworks such as a **balanced scorecard** at corporate, business-unit, and support-unit levels, **KPIs**, and **pictorial representations** of business models.	Identification of potential competitor (like Apple TV, Disney plus) moves and design an appropriate business model to handle contingencies.	Micro-soft Excel.
Business Analytics	R	Using datasets from data.gov.ie, prepare a **visualization** that provides a **business insight** that may lead to a business opportunity (or opportunities) for an Irish company.	Data of Annual Economic Survey for various sectors in Ireland is used to analyze the growth of Foreign Companies concerning Irish owned companies. Cleaning is done using **power BI** before the actual loading of data. **Visualization** is done through various **bar graphs** and **line charts**.	Computer sector is the most growing and profitable sector for the Irish Economy.	R-Studio, Microsoft Power BI
IOT.	HTML, PHP, CSS	Enhancing customer shopping experience by developing smart basket using Raspberry Pi	The Barcode scanner installed in a basket connected with **raspberry pi**, which takes the information of the item scanned and stores that in the cloud. The main objective of the project was to make the operation of the supermarket easier and enhance the customer's shopping experience.	Developed a smart basket that scans the product and reduces the billing time.	Raspberr-y pi, Cloud Storage
Data-Analysis & Visualization	Python	Implement a Data Visualization Solution using **publicly available data**.	Data has been taken from https://data.gov.in/, which include the number of Road accident in India from the year 1970 to 2017. **Tableau** tool was used for visualization and discovering various relations like Number of State Vs Number of Accident, the Percentage difference in total accident state-wise. **Map Graph, Animated Trend Graph, Tornado Graph, Overlapping Graph, Packet Bubble Chart**, and **Stacked Graph** are used to visualize the data.	Visualization gives information about the vehicle, which is causing more fatalities in a particular state and at the country level also.	Tableau, Jupyter Notebook.

ACHIEVEMENTS

- Completed "Getting Started with **AWS Machine Learning**" an online non-credit course authorized by **Amazon Web Services** and offered through Coursera.
- Completed "**AI** from the Data Centre to the Edge" program provided by **Intel® AIM Suite**.
- Completed "**JPMorgan Chase & Co**. Software Engineering Virtual Experience" internship provided by Inside Sherpa
- Certificate of ACCEPTANCE of research paper in International Journal of Scientific & Engineering Research (IJSER).
- Joint Documentation Head at NCPCI event under CSI.
- Certification of **Microsoft Ethical Hacking**.

VOLUNTEER EXPERIENCE

NGO (Shreeji Takniki evam Vanijyik Prashikshan Sansthan).

- I have supported in teaching through online modules and various activities like PMKVY (Pradhan Mantri Kaushal Vikas Yojana) training.

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

INTEREST

Exploring new places
Dancing

Football
Drawing

PORTFOLIO: https://bharatmaheshwari96.github.io/