BHARAT MAHESHWARI

Dublin, Ireland | +353 89 4047701
bharatmaheshwari96@gmail.com | LinkedIn | GitHub | Portfolio

Career Objective:

Well-organized and talented data science professional desiring a new opportunity as a Business Analytics. Adept at collecting, analyzing, authenticating, and modeling data sets to improve business operational productivity. Highly competent in using statistical analysis to conduct market research and identifying hidden trends and patterns. I am a confident team player and can adapt to working in challenging situations. I have good communication and collaboration skills and enjoy continuous learning and development. I'm currently seeking an opportunity that will provide me to innovate and enhance my skills and strengths in conjunction with the company's goals and objectives.

Summary of Skills:

- Ability to adapt new technology for delivering user needs
- Strong time management, maths, and logical skills.
- Critical thinking and complex problem-solving abilities.
- Strong knowledge of fundamentals - data structures, high-level programming language, distributed systems, algorithms, data mining and software design.
- Experience in developing end to end machine learning model using Python and R.

Technical Skills:

- **Programming languages**: Python, R, C, C++, Java, Unix/Linux Shell Scripting.
- **Machine Learning**: Natural Language process and generation, text classifiers.
- **BI Tools**: Tableau, Microsoft Power BI.
- **Data Analysis**: Jupyter Notebook, Visual Studio, R Studio, SQL
- **Database**: MySQL, SQL Server, MongoDB.
- **Operating System**: Windows, Mac, Linux, Unix.
- **Web & Others**: HTML, CSS, JavaScript, GitLab, GitHub, Azure, Microsoft Dynamics 365.

Education & Qualifications:

MSc Business Analytics   **(**Sept ,19 – Sept, 20**)**
Dublin Business School, Ireland
Courses: 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

BE Computer Engineering   **(**Aug, 14 – May, 18**)**
University of Pune(VIIT), India
Courses: Data Mining Technologies and Applications, Business Analytics and Intelligence, Cyber Security, Software Design Methodologies and Testing, Design and Analysis of Algorithms, Operating Systems, Data Structures, Microprocessor Architecture.

Projects:

Sentiment Analysis on Starbucks Reviews Dataset   **(**Sept, 19 – Sept, 20**)**
- Reviews are Scrapped using Beautiful Soup library from various TripAdvisor, Yelp.
- Cleaning and tokenization are performed using python.
- Libraries like NLTK, Scikit Learn is used for building various models such as SVC, NBC, etc. BOW and POS are also taken into consideration.

Language/Tools: Python3, Jupyter Notebook, Microsoft Power BI.

Shinny App for descriptive and predictive analytics   **(**Jan, 20 – Apr, 20**)**
- R studio built-in dataset is used for analytics as well as an option for adding CSV file.
- Forgetting some insight about the data, descriptive analytics techniques were implemented. Discrete Analysis comprises of Binomial, Poisson, Bernoulli, and

Hypergeometric models, whereas Continues Analysis, comprises of Normal, Exponential, and Uniform Model.
- Three of the machine-learning techniques were conducted i.e., Linear Regression, K-Means, and Decision Tree.

Language/Tools: R- Language, R-Studio, Shinny App

Data Visualization on Indian Road Accident Dataset   (Jan, 20 – Apr, 20)
- 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 was used for visualization and discovering various relations.
- Map Graph, Animated Trend Graph, Tornado Graph, Overlapping Graph, Packet Bubble Chart, and Stacked Graphs are created to visualize the data.

Language/Tools: Python3, Jupyter Notebook, Tableau.

Analysis on Irish company Dataset   (Sept, 19 – Dec, 19)
- 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 presented through various bar graphs and line charts.

Language/Tools: R- Language, R-Studio, Microsoft Power BI.

Formulated a strategy for HBO Max   (Sept, 19 – Dec, 19)
- Formulate this strategy by Evaluating opportunities and threats in the video-streaming industry Identifying strength and weaknesses of 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.
- Use of appropriate analytical frameworks such as a balanced scorecard, SWOT, PESTLE, KPIs, and pictorial representations of business models.

Language/Tools: Microsoft Excel.

Developed Smart Basket   (Jul, 17– May, 18)
- The Bar-code 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.

Language/Tools: HTML, PHP, CSS, Raspberry pi.

Volunteering   (Jun, 18 – Dec, 18)
- "Teaching Assistance" at Shreeji Takniki evam Vanijyik Prashikshan Sansthan (NGO)

Certificates:
- "MTA: Security Fundamentals - Certified 2017" from Microsoft.
- "Applied Data Science with Python - Level 2", "Deep Learning Using TensorFlow", "Python For Data Science", "Data Visualization Using from IBM.
- "AI from the Data Center to the Edge – An Optimized Path Using Intel® Architecture" from Intel.
- "JPMorgan Chase & Co. Software Engineering Virtual Experience" from Inside Sherpa.
- "Deloitte Technology Consulting Virtual Internship" from Forage.
- "Getting Started with AWS Machine Learning" from Coursera.
- Gold Badge for Python from Hacker Rank.

Achievements & Interests:
- Certificate of ACCEPTANCE of research paper in the International Journal of Scientific & Engineering Research (IJSER).
- Selected as Joint Documentation Head at NCPCI event under CSI for 12-month based on leadership potential and academic success.
- Enjoy traveling– travelled to Singapore, Dubai, Thailand, Malaysia.
- Play football, frisbee at school and college level.