



# Vikram Bhat

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Data scientist at IBM, Dublin with deep expertise in data science and analytics, strong hold on Mathematics and Statistics, fascination in programming and comprehensive experience in handling large data sets, data mining, seeking an opportunity with a growing organization wherein there is a chance to apply my analytical and technical skills acquired.

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## Skills

- Data Science
- Machine learning
- Data mining/Processing
- Data warehouse
- Data integration/data quality
- Data Visualization
- Python
- R
- SQL
- Shell Scripting
- Statistics
- Deep Learning
- AWS Sagemaker
- Problem Solving
- Critical Thinking
- Customer Service
- Creative Thinking

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## Education

**MSc in Data science and analytics/**University College Cork,  
Cork. **GPA 1:1**

OCTOBER 2017

Data Mining and Machine Learning, Multivariate Methods for Data Analysis, Linear Regression and Generalized Linear Modelling, Programming in Python with Data Science Applications, Information retrieval systems, Text mining and sentiment analysis.

## PROJECTS

**MAXIMIZE STUDENTS' EXPERIENCE IN A UNIVERSITY USING ARTIFICIAL NEURAL NETWORKS AND SUPPORT VECTOR MACHINES**  
**MAY 2017 – SEP 2017**

**Scholarship:** Boole / Presidential Merit Scholarships for top International(non-EU) student 2016/2017.

**B.E. in Computer Science/Sir M.VIT, Bengaluru** **GPA 1:1**

JUNE 2012

Relational Database, C programming, Compiler Design, Data Structures, Advanced Mathematics and Statistics.

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## Work Experience

- 7 years of experience in design, development, and management of Data science technologies.
- Solid understanding of foundational statistical concepts and thoroughly proficient in selection of machine learning techniques based on the business requirements.
- Comprehensive experience in handling large data sets, data extraction, data integration, data quality and data mining using various ETL tools.
- Proficient in analyzing the problems and data cleaning, build, deploy and score machine learning models using Python and R.
- Use sklearn, Pandas, numpy, tensorflow, wml and other libraries to build and deploy Regression, Prediction and Clustering models.
- Build and deploy end to end ML pipeline using IBM Watson Studio and AWS Sagemaker environments.
- Expert in building data reporting/visualization using matplotlib, seaborn, plotly in Python and ggplot, flexdashboard, shinydashboard, plotly, leaflet in R and reporting tools such as Tableau, Cognos Analytics etc.

### Data Scientist /IBM, Dublin

MAY 2019 –

- Build Regression, Prediction, Clustering and Time-Series models for various industries such as Wealth Management, Utilities, Healthcare etc by analyzing the industry problems.
- Collection of data, prepare and clean the data and build machine learning models. Deploy these models into the Watson studio and score the models in real time using python in Jupyter notebooks.
- Build R-shiny dashboards to visualize and score deployed machine learning models and present it to the stakeholders. Used various libraries such as ggplot, flexdashboard, shinydashboard, plotly etc. to build the dashboards.
- Developed an end-to-end pipeline to build machine learning models on Watson studio platform, deploy it in AWS Sagemaker and Monitor AWS Sagemaker model using IBM Watson OpenScale
- Effectively communicate results with internal and external stakeholders.

### Data Analyst /Voxpro Groups, Cork

JAN 2018 – APR 2019

- Identify, extract, and transform both structured and unstructured data collected from internal tools and heterogeneous systems. Build SQL scripts to load the data into data warehouse.
- Creation of models, reports and visualization solutions providing interpretation and insight into business data and processes. Used python libraries and tools such as Power BI to provide visualization.

### BI Developer /Cognizant Technology Solutions, Bengaluru

JUL 12 – AUG 16

- Extracted the source data from Mainframe, SQL Server, Flat files etc. and transformed them into ETL mappings using Informatica PowerCenter and Informatica Developer (IDQ).
- Involved in developing End to End mappings for the source files stored in Hadoop File System to undergo multiple levels of transformations before loading the target data into Client Database.
- Developed complex mappings (SCD TYPE-1, 2, 3) and transformations in Informatica to load the data from various sources into the Data Warehouse.