

## VIKAS JANGRA

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### EDUCATION

#### Clark University

Worcester, MA

#### Master of Science in Business Analytics (STEM)

May 2023

Relevant Coursework: Python, Business Intelligence, Machine Learning, SQL.

#### Amity University

Gurgaon, India

#### Bachelor of Technology in Computer Science & Engineering

June 2021

Relevant Coursework: DBMS, C++, PHP, AI, Statistics, ERP.

### SKILLS

Python, Excel, C++, C, SQL, Tableau, PowerBI, Linear Programming, Knime, Machine Learning.

### WORKING EXPERIENCE

#### Swiss Re, Armonk, New York

May 2022 – Present

#### Cyber Solutions Intern

- *Implementing ML algorithms for creating Cyber Risk Assessment application.*
- *Creating cyber security model for securing data on cloud server.*
- *Understanding the work between the underwriter, claims expert, P&C expert.*

#### KEKA HR, Hyderabad, India

Feb 2021 – July 2021

#### Quality Analyst

- *Updating the software with latest tax norms on India based on GST.*
- *Gathering feedback from clients and implementing them in improving the software.*
- *Quality Testing of the web application of the organization's HR Software.*

#### ManPraX Software LLP, New Delhi, India

May 2019 – July 2019

#### Web Developer Intern

- *Maintained the Official Website of the Manprax with regular updates.*
- *Created 2 Plugins and 2 Widgets of Contact Us on WordPress using PHP, SQL.*
- *Handled the HTML and PHP and backend database in creating android's The Teacher's App.*

### PROJECTS

#### MS Business Analytics, Predicting Eligibility for Credit Card Approval

Nov 2021 – Dec 2021

- *Applying Linear and Logistic Regression to find dependencies among variables.*
- *Using confusion matrix to find the accuracy of the models created.*
- *Studying the behavior of different variables using OLS.*

#### MS Business Analytics, Predicting Breast Cancer using Machine Learning

Mar 2022 – Apr 2022

- *To determine the type of the cancer using SVM, DT, RF algorithms of ML.*
- *Using confusion matrix to determine the algorithm having maximum accuracy.*

#### MS Business Analytics, Impacts of Food Production on Environment

Mar 2022 – Apr 2022

- *To determine the food product having maximum carbon emission.*
- *To suggest a sustainable diet plan using linear programming for individuals, based on requirement.*
- *Determining foods having multiples negative impacts on environment, like water used, land used etc.*

#### MS Business Analytics, Heat Failure Prediction using ML Algorithms

Mar 2022 – Apr 2022

- *To determine the feature having highest impact on heart.*
- *Using Tableau and Power bi, creating various figures showing relation among the features and patients.*