



# ANMISHA MURARKA

9199422433

anmishamurarka@gmail.com

Data Science Aspirant with a background in Computer Science domain. Looking to [www.linkedin.com/in/anmishamurarka](https://www.linkedin.com/in/anmishamurarka) leverage machine learning and data science skills to drive continuous <https://github.com/AnmishaMurarka> improvement and automation in business processes.

## Experience

### Senior Associate – Data Analyst / Anarock

Tracking and monitoring the performance of Machine Learning models, adjusting the models to improve the performance. Creating periodic reports for the business stakeholders showcasing the business impact of these models.

September 2022 -

Current

Exploring new use cases to support the business needs and work towards implementing them.

Tools: Python, Power BI, Excel + Power Pivot, Machine Learning

### Business Analyst Intern / Lentra

February 2021 -

July 2021

Worked on understanding the client requirement and creating the business requirement document

(BRD). Communicating these requirements to the internal production team and tracking the progress of the development by coordinating with different teams and closing the requirement or project.

## Projects

### Personalized Job Recommendation System (Team size - 4) (Capstone Project)

**Objective:** To make the hiring process more convenient we built a recommendation system using the power of **NLP** and **sentence transformers** for the candidates/recruiters to suggest the candidates job recommendations based on their skill sets. IT Job Profiles scraped from Monster India and Candidate Profiles for different IT profiles scraped from Placement India for training. **Dataset:** 3500 job profiles and 10000+ candidate profiles

**Deployment:** The project is being deployed on mUni Campus platform (<https://municampus.com/>)

### Facebook Comment Volume Prediction (Machine Learning)

**Objective:** Building a Machine Learning model to predict the number of comments a Facebook post would receive based on several features such as likes, content category, page engagement rate, etc. **Impact:** This would help content creators in optimizing their pages and posts such that they can derive maximum engagement from their target audience. Using a **labelled dataset** of 53 attributes of which 28 are base attributes and 25 are derived attributes.

### Effect of COVID19 on People's Health/Nutritional Habits and Preferences (Statistics)

**Objective:** Through this study, we try to understand the effects of COVID-19 on the health / nutritional preferences (mainly sleep, diet and exercise) of people. **Impact:** We inferred that there was indeed an impact on these three factors. While the impact was positive on sleep and diet routines, the impact on exercise routines observed turned out to be slightly negative.

**Dataset:** Collected 52 data points using a survey distributed through google form over a week's period.

## Skills

Key Skills:

Statistics, Machine Learning, Visualizations, Microsoft Excel (Advance), Flask

Programming Languages:

Python, MySQL, NLP, Web Scraping (Selenium), Java, VBA (Basic)

Visualization Tools:

Tableau, Power BI

## Education

Post Graduate Program in Data Science, Business Analytics Big Data in association with  
of Business, Data Science, Cyber Security and Telecommunication, Mumbai.

2021 - 2022 IBM /Aegis School

Integrated BTech and MBA in Computer Science and Business Intelligence / NMIMS  
(CGPA: 3.41/4.0)

2016-2021 University, Mumbai /

