

# Pragya Verma

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## EDUCATION

### University of Washington-Seattle

*Masters of Science in Data Science*

Seattle

September 2021 - March 2023

### Mumbai University

*Bachelors of Engineering in Computer Engineering*

Navi Mumbai

August 2016 - November 2020

- GPA: 9.16/10

## WORK EXPERIENCE

### Addend Analytics

*Data Analyst*

Navi Mumbai

October 2020 - August 2021

- Developed visual reports, dashboards and KPI scorecards using Power BI desktop and advanced visuals using python.
- Collaborated with Data Engineers and business managers to strategize product architecture and implementation.
- Mentored 3 junior data analysts and 2 interns on the team for data analysis, PBI embedding and data cleaning projects.

### Therex Technologies Pvt Ltd

*Data Intelligence Intern*

Mumbai

June 2020 - August 2020

- Gathered unstructured data to visualize it for a better understanding of the information to gain useful insights along with 5 team members.
- Researched and analyzed various businesses need to provide feasible solutions using the insights. Further, benchmarked, validated, and tested these solutions and corroborated the findings with facts, figures, and proper reasoning.
- Conducted 10 research studies and the domains varied from technology, finance, planning to biology and mathematics, and many more. The studies conducted were documented systematically to be used by the stakeholders.

### Bhabha Atomic Research Center

*Research Project Intern*

Trombay

August 2019 - February 2020

- Analyzed over 10000 rows of data on air quality using standard descriptive analysis, and pertinent visualizations.
- Designed an LSTM architecture from scratch, and used it for forecasting with a mean absolute error of 9.64.

## PROJECTS

### Cannabis Data Cleaning

- Handled incorrect, corrupted, incorrectly formatted, and duplicate in the web scraped 2 million rows cannabis dataset.
- Filled 60% of the empty data by extracting information from the existing data.

### Power BI Embedding

- Built a Power BI embedded web application using the asp.net framework.
- Implemented row-level security, view-edit mode, interactivity features with the report using Power BI embedding API
- Deployed the application on Microsoft Azure cloud service.

### Spotify Dataset Analysis

- Gathered my listening history from my Spotify account using Spotify API that contained over 200,000 data points.
- Performed data analysis on it to get a better understanding of my listening history, music taste, and choice of the artist using advanced visualization.

## SKILLS & INTERESTS

- **Languages:** Python, DAX, SQL, C#.
- **Clouds and Databases:** Microsoft Azure, MySQL, MongoDB, Heroku.
- **Tools:** Power BI, SSIS, SciKit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Tensorflow.
- **Web Technologies and Frameworks:** HTML, CSS, .NET framework.
- **Interests:** Dancing, listening to music, and reading.