

## Tanvi Deepak Kapote

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### EDUCATION

#### New Jersey Institute of Technology

Master's in Information Systems

- Graduate Student Organization, Investment Club

Newark, New Jersey

May-2023

#### Rajiv Gandhi Institute of Technology

Bachelor of Computer Engineering

- Marketing Secretary of Computer Engineering Student Society, Cultural Leader of annual cultural fest 'ZODIAC', Event Management team member

Mumbai, India

July-2021

### CERTIFICATIONS

Advanced SQL: Hands on Data Science: Sales analysis with SQL and Python, Logical Query Processing, Data Analytics with AWS, Data Analysis with Python, Google Analytics, Data Analysis with excel, Hands on python programming.

### SKILLS

Analytical Tools: MS Excel, Tableau, Power Bi, AWS, MS PowerPoint, SQL Server Studio, Word-press, MS Word, Google Analytics Tool, Python Shell, Pycharm, Jupyter Notebook, WebStorm, Microsoft Azure, Docker, Git hub.

Programming Languages: Python, R, Java

### WORK EXPERIENCE

#### New Jersey Institute of Technology

##### Desk Attendant at Resident Hall

Newark, NJ, USA

Dec-2021

Responsible for the check in and verification of the residents and guests at the resident hall.

#### New Jersey Institute of Technology

##### Research Assistant

Newark, NJ, USA

Oct-2021

Collection and Analysis of vehicular traffic data for research purposes to understand vehicular traffic movement at intersections and understand the number of vehicles passing at a certain interval of time.

### ACADEMIC PROJECT EXPERIENCE

#### Sales Analysis Dashboard

Jan-2022

- Downloaded a sample database from adventure works.
- Organized** the data by cleaning it in SQL Server Studio and saved the results as CSV.
- Imported the CSV files in Power Bi and created two pages dashboard.
- Increased efficiency** of the data by adding various required measures required for the Dashboard.

#### Tableau Sales Analysis

Jan-2022

- Created a 3-page dashboard using the sample sales dataset in the Tableau Software.
- Categorized** the data using the measures and imported various visualizations.

#### Python Calculator

December-2021

- Created a webapp using Webstorm, Pycharm and Flask that displays articles and basic calculator functions.
- Programmed the calculator in python to load a CSV file in it.
- Inspected the code by passing it through Pytest.

#### History of Internet and Python Articles Website

December-2021

- Developed a website in WebStorm describing the History of Internet, AAA testing and Python OOP concepts using CSS and Bootstrap.
- Deployed the website on Azure cloud using Docker.
- Developed an efficient code by passing it through AAA testing.
- Reduced errors by scrutinizing the code in W3C validator.

#### Multilingual Text Conversion and Summarization

July-2021

- Designed a Web-app in Flask to convert a text file from English to another Indian languages.
- Cluttered the converted text and made it concise by summarizing it according to the user input.
- Utilized Natural Language Toolkit for generating word tokens, stop words removal, sentence tokenization and stemming.
- Prioritized** the sentences to summarize by evaluating its weight using the Gensim model and utilized google translate dictionary for translation.