

# Shreshth Rajpal

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## EDUCATION

### Post Graduate: Data Analytics for Business Decision Making

Canada | Jan 2023 — Aug 2023

Durham College, Oshawa, ON

- **GPA:** 3.4
- **Relevant Coursework:** Data Collection, DBMS, EDA, Tableau, Dashboard, Statistics, SQL

### Post Graduate: Applied A.I. Solutions Development

Canada | Jan 2022 — Dec 2022

George Brown College, Toronto, ON

- **GPA:** 3.6 (Dean's Honour List)
- **Relevant Coursework:** Machine Learning, Deep Learning, NLP, Feature Engineering, Python

## WORK EXPERIENCE

### Ernst and Young | Data Analyst Intern

India | March 2021 — June 2021

- Performed data cleaning to improve overall data quality
- Developed and implemented key column classification for line item categorization
- Segmented the data into GSTR1 Processing, reversed and re-raised entry cases to remove errors
- Executed comprehensive data operations to prepare it for DigiGST
- Collaborated with the team members to interpret data findings

## SKILLS

### Data Science

**Data Collection:** DBMS, Web Scraping, API

**Data Preparation:** Cleaning, Feature Engineering

**Data Analysis and Viz:** EDA, Tableau, Dashboard

**Models:** Machine Learning, NLP, Deep Learning

**Statistics:** Descriptive, Inferential

**Languages:** Python, SQL

### Development

**Front End:** HTML, CSS, JavaScript, Web Design

**Back End:** Node, Express, API

**Libraries:** Tailwind CSS, Three.js, React

**Programming Languages:** Python, JavaScript

**Other:** Git, Github

## CERTIFICATIONS

- Data Science: **Coding Ninjas**
- Data Analysis: **Jovian**
- Python: **Hacker Rank**
- SQL: **Hacker Rank**
- JavaScript: **FreeCodeCamp**

## LINKS

-  LinkedIn: <https://www.linkedin.com/in/shreshthr/>
-  Kaggle: <https://www.kaggle.com/shreshthrajpal>
-  Github: <https://github.com/shreshthr>

## PROJECTS

### Movie Dataset Creation | Python, Scraping, API

- Created by scraping data from IMDB site
- 10 CSV's were created and combined
- Data was scraped using Beautiful Soup and for additional data TMDB API was used

### Exploratory Data Analysis | Python, EDA, FE

- Performed data analysis on a movie dataset
- Feature Engineering was done
- EDA was performed on each feature and insights were extracted

### Analysis Using SQL | SQL, PostgreSQL

- Performed data analysis using SQL on same data
- Created a SQLite database engine and stored the data frame as a table in it
- SQL queries were executed for further analysis

### Movie Prediction | Python, Machine Learning

- Created a Movie Revenue Prediction system using Linear Regression
- An app was created using the model which takes user input to predict movie's revenue

### Movie Recommendation | Python, Recommender

- Created a movie recommendation system
- Content based filtering was used
- Built an app that shows similar movies when searched by the user