**GOVIND PATWAL**

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LinkedIn: [www.linkedin.com/in/govindpatwal](http://www.linkedin.com/in/govindpatwal) | GitHub: <https://github.com/Govind-Patwal>

Portfolio: [https://govind-patwal.github.io](https://govind-patwal.github.io/)

**SUMMARY**

Python Programmer and Data Analyst with a certificate in Data Analytics and Visualization (Grade: A+) from the University of Toronto. Finds great satisfaction in extracting insights from data that inform decision-making and drive growth, and improving code by refactoring.

**TECHNICAL SKILLS**

**Languages**: Python, SQL

**Applications**: GitHub, PostgreSQL, GIT, AWS, Django, Flask, Tableau, SQLAlchemy

**Tools**: Pandas, NumPy, Jupyter Notebook, Scikit learn, TensorFlow

**OTHER SKILLS**

Problem identifying skills Problem solving skills

Oral, written and presentation skills Meeting deadlines

Ability to explain technical topics to non-technical audience Navigating competing priorities

Working under pressure in fast-paced environments Team Work

Scope, schedule, cost management Quality management

Resource management Risk management.

**PROJECTS**

**European Hotel Analysis:** <https://github.com/Govind-Patwal/European_Hotel_Analysis>

Project objective(s) - help users find the best hotel; help hotel owners know how customer sentiments are changing over time; and determine the ML model that predicts the sentiments the best.

* Role: 1 of 3 contributors - I was responsible for ETL, ERD, Schema and DB creation, ML and DL NLP models and creating a model to predict sentiment based on input.
* Language & Tools: Python, PostgreSQL, AWS, PySpark, Google Colab, Tableau

**Movies ETL:** <https://github.com/Govind-Patwal/Movies_ETL>

Project objective(s) - perform ETL (Extract-Transform-Load) on raw data from a scrape of Wikipedia for all movies released since 1990, Kaggle metadata and rating data from MovieLens website.

* Role: Sole author
* Language & Tools: Python, SQL, SQLAlchemy

**World Weather Analysis:** <https://github.com/Govind-Patwal/World_Weather_Analysis_To_Create_Travel_Itinerary>

Project objective(s) - suggest hotels and the travel routes between the corresponding cities based on the temperature range selected by a user

* Role: Sole author
* Language & Tools: Python, citipy, Weather Map API, gmaps API

**RELEVANT WORK EXPERIENCE**

**Python Consultant (Freelance - Remote)**, 34 Interactive Jan 2021 - Present

* Consulting and working on ETL projects involving Python, Pandas and PostgreSQL

**RELEVANT EDUCATION**

**Certificate in Data Analytics and Visualization**, Grade: A+, University of Toronto

* A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, Machine Learning, and Deep Learning.
* Completed 19 Solo projects and 1 group project

**Bachelor of Computer Applications**, Indira Gandhi National Open University, New Delhi

* Some subjects covered: Foundation course in Mathematics for Computing, Differential and Integral Calculus, Algebra, Analytical Geometry, DBMS, TCP/IP programming, Visual Basic, Data Structure through ‘C’ Programming and Data Structure, Intro to C++, C++ and Object Oriented Programming, Introduction to Internet Programming (JAVA, ACTIVEX)

**OTHER ACADEMIC CERTIFICATES**

* **Business Analytics with Excel**, Simplilearn
* **Data Science with R**, Simplilearn
* **Marketing Analytics and Customer Evaluation**, Indian Institute of Management - Kashipur
* **PMP** (Jan 2013-Jan 2016)
* **Statistics Foundations: 1,2, and 3**, Lynda.com

**LIFE-SAVING TRAININGS**

* Standard First Aid and CPR
* Fire Warden Training