GOVIND PATWAL

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Portfolio: 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
- Intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Machine Learning, and Deep Learning
- Completed 19 Solo projects and 1 group project

Bachelor of Computer Applications, Indira Gandhi National Open University, New Delhi
- Technical degree focused on preparing students for a career in the field of computer applications and software development
- 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 CERTIFICATES

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

LIFE-SAVING TRAININGS

- Standard First Aid and CPR
- Fire Warden Training