

DIPESH PATEL

ML Developer | Data Scientist

CONTACT

ADDRESS:

Edmonton, AB

PHONE:

+1 587 974 6532

EMAIL:

dipeshpatelpvt@gmail.com

LINKS

in [LinkedIn](#)

 [Portfolio](#)

 [GitHub](#)

SKILLS

Machine Learning:

- Regression,
- Neural Networks,
- Deep Learning,
- Reinforcement Learning,
- Clustering,
- Search & Planning.

Data Science:

- Data Mining,
- Data Exploration,
- Data Cleaning,
- Data Viz,
- Data Analysis

Languages:

Python, Java, C++, R.

Dashboards:

Power BI, Tableau, Excel, Oracle, Powerpoint.

Libraries:

TensorFlow, Pandas, Sci-Kit Learn, PyTorch, Numpy, Matplotlib.

Database management:

MySQL, NoSQL (MongoDB), Oracle, PostgreSQL, Azure, AWS

EDUCATION

University of Alberta - BSc Computer Science

Sep 2021 — Dec 2025

Minor: Mathematics

EMPLOYMENT HISTORY / EXPERIENCE

Grants Support Tech - Government of Alberta

JUN 2023 – SEPT 2023

- Regularly used SQL to extract and transfer data from Oracle Database to SharePoint - Excel and then made connection from SharePoint to Power BI to enable efficient, real-time data visualization and data analysis.
- Developed dynamic dashboards in Power BI and Excel, conducting comprehensive data analytics to derive actionable insights.
- Skills Developed: Oracle, SQL, PowerBI, Data Analysis, Excel, Dashboard, SharePoint, Data Viz, EDA.

Member of Undergraduate Artificial Intelligence Society

JAN 2023 – Present

- A diverse student group that provide a supportive community for students interested in learning AI through regular online and in-person meetings, events, workshops and tournaments.
- Got exposure to programming Artificial Intelligence systems such as Neural Networks and Reinforcement Learning, and then opportunity to apply the concepts in collaborative team projects.
- Skills Developed: AI/ML Programming, Teamwork, Presentation.

PROJECTS

Sentiment Analysis of Customer Reviews ([GitHub](#))

- Firstly, used Beautiful Soup to collect customer reviews from online platforms. Then, cleaned the data by removing noise and irrelevant information.
- A sentiment analysis model is built using PyTorch for classifying reviews into positive, negative, or neutral sentiments. Data visualization is performed to create informative charts, providing a visual representation of sentiment distribution and other patterns.
- Skills used: Python, PyTorch.

Analysis on Human Brain Weight and its Relation to Head Size ([GitHub](#))

- Through exploratory data analysis, I visualized and compared the average brain weight of different genders within different age groups.
- Additionally, by building a correlational model, the analysis help identify the strength of the relationship between head size and brain weight.

CERTIFICATES

- Google Data Analytics Professional Certificate - Google
- Machine Learning - IBM
- DevOps on AWS - Amazon