ANANYA JINDAL

Hamilton, Ontario | +1 (905) 512-7141
ananya.jindal97@gmail.com | anna-jones.github.io | linkedin.com/in/ananya-jindal/

SKILLS

- **Languages:** Python, Java, C++, SQL, Flask
- **Machine Learning Libraries:** Numpy, Pandas, NLTK, Scikit-Learn, Seaborn, Matplotlib
- **ML Algorithms:** Regression and Classification, SVM, Regularization, Dimensionality Reduction
- **Tools**: Tableau, Github, Linux, Deepnote, MS Excel
- **Other:** Problem solving, Data Structures, Agile Development Model, Presentation skills

PROFESSIONAL EXPERIENCE

***Junior Data Scientist* (Contract Full-time) – Feb 2022-Present** *Manifest Climate, Toronto*

- **Data Analysis: Numpy, Pandas, Matplotlib, Deepnote**
  - Used **data manipulation** to get climate related data in **text and JSON format** into workable forms.
  - Designed targeted explorations of data from companies **across 18 sectors** to understand **trends**, find opportunities, and **make recommendations** which improved user journeys and customer value.
  - Shared **high-quality insights and ~250 data points** with **cross functional teams** that drove critical business decisions and increased user engagement with the product.
- **Development: Python, Flask, SQLalchemy, HTML**
  - Created and updated features on the internal web application that increased functionality for user teams.
  - Designed and programmed **API endpoints** for the product, documented on Confluence (Atlassian).
  - Boosted Web app and Database test coverage to **80%** to **facilitate enhanced data quality checks**.

***Trainee Data Analyst* (2nd year Internship)** *Gauge Data Solutions, India*

- **Text Mining: Java, Python, Natural Language Processing, Regular Expressions**
  - Made **Document Ranker** ranking a corpus of documents from most to least match with search terms based on **TF-IDF** vector scores for the company website.
  - Improved **citation detection** from the text data on the company website by **40%** in Python.

PERSONAL PROJECTS

Amazon Customer Sentiment Analysis – 2021

- Analyzed data set half a million Amazon review records using **Numpy, Pandas, Scikit-learn and Seaborn**
- Trained and tested with **CountVectorizer and TfidfVectorizer** as Natural Language Processing models and **Logistic Regression** as Machine Learning model to predict ratings with over 90% accuracy
- Checked for and removed imbalanced data using **Dummy classifier and oversampling**

Black Friday Sale Prediction – 2021

- **Python ML libraries** used to clean, normalize and visualize dataset with details of purchases and customers.
- Implemented and compared **Linear Regression, Decision Trees** and **Random Forests** to predict purchases during Black Friday Sale.

COVID-19 Data Analysis using Python – 2020

- Used Data Analysis and visualization libraries **NumPy, Pandas and Seaborn**
- Finds and visualizes the **correlation analysis** on infection cases and deaths due to Covid-19 of countries with its happiness factors like GDP per capita, healthy life expectancy, etc.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering – 2016-2020

GPA: **8.16/10** (**90th percentile**) Chandigarh University, India

- **Relevant Courses:** Applied Mathematics, Data Structures and Algorithms, Operating Systems, Relational Database Management Systems, Big Data Analytics, Machine Learning, Artificial Neural Networks
- **Extracurriculars:** Tech event (Code Tantra) and cultural fest coordination, Anchoring, Painting

CERTIFICATIONS AND AFFILIATIONS

- **Introduction to TensorFlow for AI, ML and Deep Learning(Ongoing)** *Coursera*
- **Advanced Project Management, Remote – 2021** *SSB, York University & IWC*
- **Google IT Automation with Python – Specialization – 2020** *Coursera*
- **Machine Learning – 2020** *Stanford University (Coursera)*
- **Problem Solving (Intermediate) Certificate – 2021** *HackerRank*