

Parveena Khatun

Objective

An Aspiring Data Science Student Looking for the opportunity to Make My career in a Data Science field where I Can utilize my Education to contribute to the company's operations and Learning opportunities where I can maximize my skills and advanced training development.

Experience

May 2023 – July 2023

Data Analyst Intern: - IMD (India Meteorological Department, Delhi)

1st PROJECT: - GPS (Global Positioning System) Signal Using Python

- ❖ To accurately measure atmospheric parameters above the surface and send this information back in as close to real-time as possible. To know the weather aloft to forecast accurately.
- ❖ **Data Handling and Analysis:** Data from the GPS module is converted into text data in CSV format for further analysis. Python is used to interface with the GPS module and process the collected data. Visualization of the data is done using tools like Power BI.

2nd PROJECT: - Image Analysis Using Deep Learning Technique

- ❖ To find RGB values in each pixel of a radar image If the radar weather image is in a satellite green channel image format, it means that the rainfall information is likely encoded in one of the color channels (typically the green channel) of the satellite image. In this case, you'll need to extract the green channel values to obtain the rainfall information.
- ❖ I can use Python and the PIL (Python Imaging Library) or Pillow library to open the image, extract the green channel, and then access the pixel values in that channel to retrieve the rainfall information

Projects

Auto Insurance Fraud Claims Detection

(Python, Machine Learning Algorithms, Exploratory Data Analysis)

- ❖ focusing on the major issue faced by insurance companies which is insurance fraud and using machine learning techniques to detect insurance fraud based on the transactional data given by the insurance company. We build predictive models and compare their performance then it is evaluated on various performance measuring parameters like accuracy, F1 score, and the AUC curve.

Movies-Recommender System

(Python, Machine Learning Algorithms, Exploratory Data Analysis)

- ❖ Developed a content-based recommender system using Python and machine learning algorithms. Recommender systems are a type of machine learning algorithm that provides consumers with "relevant" recommendations.
- ❖ Conducted exploratory data analysis to gain insights and understand the data.

Education

M.Sc. Computer Science (Big Data Analytics)

Central University of
Rajasthan (CGPA 7.63)

B.Sc. Computer Science

University of Delhi (CGPA
5.67)

High School

Kendriya Vidyalaya (CGPA 7.8)

Skills

- Python
- SQL
- MS Excel
- Power BI
- Tableau
- Matplotlib
- Machine Learning

Interests

Data Science
Data Analyst
Data Engineer
Business Analyst
Web Development

Contact

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Certification

Excel Data Science
Internshala Training
Certificate Date of
certification: 2024-03-17.

SQL DataScience
Internshala Training
Certificate Date of
certification: 2024-04-17.

Python Essentials 1 (by
Cisco Networking
Academy).

PowerBI for Beginners
(SkillUp by Simplilearn).

Geoprocessing Using
Python (ISRO).

Web Designing (NIELIT)

Software

- GitHub
- VS Code
- MS-Excel
- R Studio
- Jupyter Notebook
- Google Collab
Notebook

Volunteering

Volunteer of the Leader
for Tomorrow club from
July 2016 to April 2017.

Certificate of merit for
being part of Leader for
Tomorrow Annual
Festival 2017 as a
Volunteer

Hobbies

Playing
Gardening
Photography

