



ANKIT RATHORE

Data Scientist/Machine Learning Engineer

Enthusiastic Data Scientist/Machine Learning Engineer with 2 years of experience in Data Analysis, eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Proficient in data wrangling, data processing, predictive modeling, and data visualization; as well as scripting languages as R and Python. Proficient knowledge in Statistics, mathematics, and analytics.



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Fitchburg, MA



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<https://github.com/iamrathore>

PROFESSIONAL EXPERIENCE

Launchpad.AI – Fitchburg, MA

Jan 2022 – Till now

Fellowship (Data Science)

- Working on a project name “Fitness Activity Recognition”.
- Currently working on this project where our main aim is to quantify the engagement of a trainer in a video.
- Using RCCN and OpenCV for object detection, and pre-build library like MediaPipe, PyTorch Video, Dectectron2 to fine tune our model.
- Using Kinetic 400 dataset for human activity recognition.

Mastech Digital Inc. - Pittsburg, PA

Feb 2019 – Jul 2021

Data Analyst

- Acquiring, cleaning and structuring data from multiple sources and maintaining databases.
- Responsible for EDA on the given data.
- Creating the Tables, banner, reports, and cross tabs.
- Used SQL for querying the data.
- Corrected any data entry error to prevent later issues such as duplication or data degradation.
- Coordinated statistical data analysis, design, and information flow.
- Used advanced Microsoft Excel to create pivot tables and pivot reporting, as well as use VLOOKUP function.
- Produced high-quality documents, and spreadsheets for internal needs using MS Office and MS Excel.
- Was a part of a team which was response for A/B testing, Hypothesis testing (Null, Alternate).

GENERAL SKILLS

Data Visualization, Exploratory Data Analysis, Data Wrangling, Supervised and unsupervised Learning, Feature Engineering, Machine Learning, Query Management, Statistical Analysis, Data Preparation, Deep learning, Regression Analysis, Dimensionality Reduction, Natural Language Processing (NLP), Data analytics.

TECHNICAL SKILLS

Database/Server: SQL Server

Programming Language / Libraries:

R, Python, Pandas, NumPy, matplotlib, scikit-learn, Seaborn, ggplot2, OpenCV, PyTorch, CNN, R-CNN.

Other Software / Tools:

Anaconda, Tableau, IBM Cognos, A/B Testing, Time Series Forecasting, CATIA, AutoCAD, SAS, Amazon web Services (AWS).

EDUCATION

Fitchburg State University, MA

Master's in Computer Science-Data

Science (Expected 12/2022)- 3.88/4.00

Bachelor of Engineering- RGPV, India- 2015

MINOR PROJECTS

Fandango movie rating:

- Did the data analysis and visualization using different libraries like pandas, NumPy, Seaborn and matplotlib to show how fandango is manipulation the ratings of the movies.
- They show 2 types of rating stars and actual numerical rating and after the analysis it was clearly visible that they manipulated the rating to sell the more tickets.

Child Care Management System:

- Using Python and SQL, to create a system for childcare management where they can create, edit, and update the information online and get rid of tedious register work.