Utkarsh Singh

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EDUCATION

BHARATI VIDYAPEETH UNIVERSITY (COEP)
B.Tech IN ELECTRONICS
Aug 2018 - Aug 2022 | Pune
GPA: 8.0/10

S.S SCHOOL
HSC - PCM and Computer Science
May 2018 | Lucknow

LINKS

Click to open Links
Website:// utkarshx27.github.io
LinkedIn:// utkarshx27
Github:// utkarshx27
Kaggle:// utkarshx27
HackerRank:// @utkarshx27
Medium:// utkarshsinghx27

SKILLS

PROGRAMING LANGUAGES:
Python • C++ • Javascript
DATABASE:
SQL • PostgreSQL • MongoDB
LIBRARIES:
NumPy • Pandas • Matplotlib • Scikit-Learn • Tensorflow • Hugging Face • NetworkX • spaCy
Additional Skills:
Azure AI • HTML • CSS • Git/ GitHub• Data Scraping • Networking • Linux • OS Fundamentals • Microsoft Office • Flask • Django • Jupyter Notebook • Statistics • Data Visualization • Data Analytics • Algorithms • Problem Solving

HOBBIES/INTERESTS

• Crypto-Verse (7 Years Experience) • Smart Contract Functionality • Stock Market Analyst • Industry Trends Analysis • Economics • Web 3.0, DeFi and NFTs

BLOGS

• Supply-Demand Factors on US Home | Link
• Software Development Life Cycle (SDLC) | Link

PERSONAL PROJECTS

KAGGLE | Link
I have extensive hands-on experience with various advanced ML models like CNNs, SVMs, RF, LR, Neural Networks, and NLP techniques. I've successfully tackled over 100 Kaggle projects, consistently providing effective solutions to real-world problems. My expertise includes hyper-parameter tuning for optimal model performance, and I've consistently ranked in the top 20

E-COMMERCE PRICE OPTIMIZATION ML MODEL | Link
An e-commerce pricing engine considers product qualities, consumer behavior, and sales history to provide improved pricing suggestions.

RESUME PARSER USING NLP AND MACHINE LEARNING | Link
Developed an NLP system using Spacy and ML to parse resumes and match desired skills from job descriptions. Spacy's Phrase Matcher was used to tally word occurrences across categories for each resume.

LANGUAGE MODEL FOR TEXT GENERATION USING TRANSFORMERS | Link
Transformer-based language model on Shakespeare's poems, trained using the AdamW optimizer to minimize cross-entropy loss. The model generates remarkably fluent, Shakespearean-style text.

ML WITH PYSPARK: CUSTOMER CHURN ANALYSIS | Link
I employed PySpark to build a predictive model for customer churn analysis, using data preprocessing and DecisionTreeClassifier. This project demonstrates expertise in handling big data, EDA, and providing insights.

EXPERIENCE

CODECLAUSE | Data Science Intern
April 2023 - May 2023
- Project 1: Churn Prediction in Telecom Industry using Logistic Regression
- Project 1: Market basket analysis + recommendation using Apriori Algorithm

LICENSES & CERTIFICATIONS

- Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization | Link
- Neural Networks and Deep Learning | Link
- Microsoft Certified: Azure AI Fundamentals | Link
- IBM: Databases and SQL for Data Science |2 months| | Link
- Applied Data Science with Python(Specialization) |8 months| by University of Michigan on Coursera | Link
- Data Structures | Link

ACHIEVEMENTS / AWARDS

Kaggle Datasets Expert (Rank 38 out of 97,467)
Kaggle Notebook Expert (Rank 453 out of 296,325)
5 Star python programmer in Hackerrank.
4 Star in Problem Solving (Hackerrank)
1 rank in Regex (Hackerrank)