DEVESH PRASAD

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EDUCATION BACKGROUND

UNIVERSITY OF MANCHESTER   Manchester, UK
MSc DATA SCIENCE (Mathematics)   Merit/2:1   SEP 2022 - OCT 2023
(Russell Group UK Scholar with combined scholarship > £13500+)
Machine Learning & Statistics(Python - OOPs, Data Analytics)
Databases(SQL- NoSQL - Pymongo - MongoDB, Schema & ER Design) + Finance

UNIVERSITY OF DELHI   DELHI, INDIA
BSc(Hons.) Statistics + CS   8.98/10 GPA   JUN 2019 - JUN 2022
Descriptive Statistics, Calculus, Algebra, Distributions & Probability, Linear Models,
Multivariate Analysis, & Statistical Computing using C, R Tool, Python & SPSS.

WORK EXPERIENCE

DATA SCIENTIST | CONSULTANT
GRANT THORNTON, UK   NOV 2023 - PRESENT
- To work with Digital Data hub and develop automated python scripts & application using the latest LLM models and their integration to find the efficient solutions using RAG, Azure OpenAI services. Built RAG Generative AI applications to enhance Document Intelligence solutions. Develop reusable optimized scripts for data cleaning, extraction & training. Solved problems & build applications for firm & clients. Delivered presentations to senior executives and stakeholders on strategies to improve profitability and reduce risks using ML, AI, and latest LLMs.
- (Key Stacks: Python, ML, Open AI API's, GPT-3.5 Modeling, Azure Form Recognizer, LLM Models for ChatGPT, AI, Retrieval Augmented Generation(RAG), Semantic Chunking, LangChain, NLP & AI Document Intelligence, Generative AI)

DATA SCIENTIST
BE.EV, UK   FEB 2023 - JUN 2023
- DATA70202 Applied Data Science @ The University of Manchester. Objectives - To utilize public and private data sets to understand whether the proximity of other charger locations had a positive, negative, or neutral impact on charger utilization and what factors, other than the proximity of other chargers, can impact site utilization and give future recommendations. Managed a team of 4 international students designing the project roadmap. Testimonial: LinkedIn_Post
- (Key Stacks: Python, Data Cleaning, EDA, GIS, Correlation, Prediction, Time Series, OLS Model)

SOFTWARE DEVELOPER INTERN
AICROWD, Switzerland   JUL 2021 - AUG 2022
- To work on core latest frontend technology stacks including multiple libraries & packages. Improve the automated grading web application to make it friendly for a community of 57,000+ members. Also, making the website optimized by solving frontend bugs & converting Figma designs to clear, concise & responsive code. Improving my presentation & soft skills while working with small-scale early-stage start-up. Also, developed the Blitz Revamp project introducing beginners to AI community. Had the opportunity to be part of a 7-day offline Retreat - Goa, India event for company growth roadmap.
- (Key Stacks: HTML, CSS, React/Next/Typescript JS, Bootstrap, Git & Gitlab, Web Development, ML & AI)

PROJECT

GITHUB:
Multiple Software, Data Analytics & Visualization repositories. (*github.com/deveshprasad*)

TABLEAU:
Multiple tableau data analytics & visualization dashboards. (*public.tableau.com/profile/devesh5578#!/*)

ROSSMANN SALES ANLAYSIS USING XGBOOST & RANDOM FOREST:
Predicting 6 weeks of daily sales, this requires the historical dataset to be fully pre-processed in order to achieve reliable and accurate forecasting. This involves several data preparation tasks, such as integration, visualization, cleaning, and transformation. (*github.com/deveshprasad/Rossmann_Sales_Analysis*)

AMAZONE PYMONGO (PYTHON & MONGODB) DATABASE:
It involved creating a NoSQL schema and a demonstration database for the Amazone Online shopping website using Python and MongoDB. Products are divided into Fresh & Normal categories with Amazone interested in its European expansion using Geospatial queries. (*github.com/deveshprasad/Amazone*)

VOLUNTEERING

RED DOT FOUND. SAFECITY (To make public places safer by sharing experiences & identifying patterns.)
TYCIA FOUNDATION (To join the mission to fund 1000 girls to attend school in Korku village, MP.)
EARTHDAYORG (To support Each One Save One campaign, to save one unit of electricity daily by adopting 9 methods.**)**
UNV INDIA (Learning and sharing correct information. Amplifying critical health messages about COVID-19.**)**
YUWAAH (UNICEF INDIA) (Becoming a #YoungWarrior to safeguard families and communities through its kind movement.)