DEVESH PRASAD

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EDUCATION BACKGROUND

UNIVERSITY OF MANCHESTER   **MANCHESTER, UK**
MSc DATA SCIENCE   **SEP 2022 - AUG 2023**
(Got offers from multiple Russell Group Uni.'s with combined scholarship > £13500+)
Machine Learning & Statistics(Python - OOPs, Matplotlib, NumPy, Pandas, SciPy & ML Models)
Databases(SQL- NoSQL - Python & PHP - MongoDB, Schema Design)

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

WORK EXPERIENCE

DATA SCIENCE RESEARCHER
BE.EV   **FEB 2023- PRESENT**
- DATA70202 Applied Data Science @ The University of Manchester.
- Project: Public electric vehicle charger proximity impact on utilization. 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.
- To understand what factors, other than the proximity of other chargers can have an impact on site utilization.
- To understand what additional research should be undertaken to validate or further the findings.
- Skills - Python, GIS, EDA, ML Models, EV Theory, Project Management, Data cleaning & Imputation, etc.

DATA SCIENCE RESEARCHER
THE MILL   **FEB 2023- PRESENT**
- DATA72000 Dissertation 2022-23 @ The University of Manchester, MSc Data Science.
- To develop own Dissertation topic interesting the Mill readers. Real-world Data Extraction and Cleansing from multiple sources with suitable Visualizations and Journalism skills.

SOFTWARE DEVELOPER INTERN
AICROWD   **JUL 2021- AUG 2022**
- Created web pages using HTML, CSS, JS, & Bootstrap. Tech stacks also included React JS, Typescript JS, SCSS, Storybook, & Next JS. Contributing Open Source software used were Git, GitHub & GitLab. Worked on the present website frontend bugs & converted Figma designs to frontend clear, concise, & effective responsive code. Also, worked with AI researchers on making the product(Web Application & Automated Grading System) user-friendly for 57000+ community members.
- I was the core Developer for the BLITZ Revamp project, where we introduce beginners to the AI community. 13 such challenges have been done already with 10K+ participants and multiple rewards. I was also part of a 7-day offline Retreat - Goa, India event for company growth & future goals with 15+ individuals(CEO, CTO, Director, Heads) combining 100+ years of AI experience. Improved my language, presentation & soft skills tremendously while working with this small-scale startup.
- Skills - Software Development, React JS, Typescript JS, Storybook, Javascript, ML, and SCSS.

MARKET RESEARCH INTERN
HACKEREARTH   **FEB 2022- MAY 2022**
- Worked with the Inside Sales Team researching the markets in the USA, and Canada. Researching chiefs, VPs, and Heads of various technology start-ups through Apollo.io, Outreach & LinkedIn Sales Navigator, and passing on the leads to account managers to pitch the product as a hiring tool.

PROJECTS

GITHUB PROFILE:
GitHub profile with multiple Data Science, Machine Learning & Software Development projects.
- *github.com/deveshprasad*

TABLEAU PROFILE:
Tableau profile with multiple Data Visualization & Responsive Dashboards using various Statistical concepts like Linear/Multiple Correlation/Regression. The data is first rendered and analyzed before working on it.
- *public.tableau.com/profile/devesh5578#!/*

DIABETES PREDICTION USING LOGISTIC REGRESSION:
A brief description of the data, including its origin and quality issues. Fitting appropriate regression models and using them to determine how likely the women in the PIMA Test dataset are likely to develop diabetes.
- *github.com/deveshprasad/Diabetes_Prediction*

ROSSMANN SALES ANLAYSIS USING XGBOOST & RANDOM FOREST:
This requires predicting 6 weeks of daily sales, as the project 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*

ADVANCE FRONTEND PROJECTS (PORTFOLIO) :
Personal website demonstrating my skills as a Developer. HTML5, CSS3, JS (jQuery, Ripples Js), Bootstrap, and SVG Animations are used in the project. Deployment is on GitHub and graphics & gifs were created using Canva & Giphy. The UI is clear, concise & responsive.
- *deveshprasad.github.io*   **GITHUB**: *https://github.com/deveshprasad/deveshprasad.github.io*
- *deveshprasad.github.io/Portfolio*   **GITHUB:** *https://github.com/deveshprasad/portfolio*

ADVANCE MERN PROJECT:
Created using HTML5, CSS3, JS (jQuery, Ripples JS), Bootstrap, Node JS, Mongo DB, Mongoose, EJS, API, and 30+ NPM packages deployed on Heroku. Users can signup up anonymously, and upload posts including text & images. Users can also interact by commenting on each other's posts & can update or delete their posts.
- *dry-ravine-57756.herokuapp.com*   **GITHUB**: *github.com/deveshprasad/Social*

VOLUNTEER EXPERIENCE   MAR 2020 - AUG 2020

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.)
PROJECT UNLEARN (To pledge to not forward any sexist jokes on social media & create awareness.)
BHUMI (To use my creative skills, with the goal of environmental sustainability, and creating awareness.**)**
EARTHDAYORG (To support Earth Day Network Each One Save One campaign, to save one unit of electricity daily by adopting the 9 simple mantras.**)**
TEAM EVEREST NGO (Understanding that bird starvation is real and accordingly taking steps to minimize it.**)**
UNV INDIA (Learning and sharing correct information. Amplifying critical health messages about COVID-19.**)**
YUWAAH (UNICEF INDIA) (Becoming a #YoungWarrior and acquiring the tools, and resources to safeguard families and communities through this one of its kind movement.)

SKILLS

DATA ANALYTICS & VISUALIZATION - PYTHON (PANDAS, SKLEARN FOR ML & MATPLOTLIB), R, & TABLEAU
DATABASES - MYSQL, MONGODB, SCHEMA DESIGN, ER - CONNECTION WITH PYTHON/PHP/JS
STATISTICS - MACHINE LEARNING - REGRESSION, MULTIVARIATE, LINEAR & OTHER STATISTICS CONCEPTS
SOFTWARE ENGINEERING - FRONTEND DEVELOPMENT - HTML, CSS, JS, REACT JS, TYPESCRIPT, NEXT JS
GENERAL - PROGRAM MANAGEMENT, HOSPITALITY, EVENT, SOCIAL MEDIA MANAGEMENT, GRAPHIC DESIGNING