Manjula Das

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github.com/Munch2022 | kaggle.com/munch17 | Portfolio: https://munch2022.github.io/

Overall 5+yrs of experience in IT as software tester. Now as a data scientist, I am passionate about turning complex dataset into meaningful insights that drive business growth. My expertise lies in using statistical analysis and ML techniques to extract valuable information from data and present it in clear and actionable way; keeping up-to-date with latest data analysis tools, techniques and industry trends. As I look for a new opportunity, I am eager to bring my expertise, skills and experience to a role where I can make a meaningful impact. Whether its building predictive models, creating data visualizations or designing experiments to test hypotheses. I am excited to tackle new challenges and continue to expand my skillsets.

EXPERIENCE

Data Scientist intern, Ambrapali Electrotech(Ask Talos), Remote – April 2022 – Present

- Built a chatbot for a bank to handle customer query based on a dataset which was recorded from real time calls handled by the bank's customer care team
- Gathered data from different sources, Identified and resolved issues with data quality such as missing data or inconsistencies or errors, prepared data for analysis by transforming it into usable format ensuring its accuracy and organised it in a structured manner for analysis
- Applied statistical techniques and used tools like Excel, SQL, Python(Seaborn, Matplotlib, etc) to analyse and interpret data. This involved creating a charts, graphs and reports to summarize findings and highlight key insights
- Pre-processed the text data using NLP techniques, used Label encoder to convert the string value
- Implemented various Machine Learning algorithm such as Logistic Regression(multinomial), Support Vector Classifier (kernel= linear, poly), Random-Forest to predict accurate category the questions belonged
- Created functions to handle data cleaning and bot response
- Created a flask API to host the model on web-app (local host)
- Individually developed a bot assistance from scratch by creating intents(JSON) file , pulled data from web by Web-scrapping(using beautiful soup)
- Used Machine Learning algorithm: Regression, clustering, NLP etc, identified correlation and developed predictive models
- Worked closely with colleagues from various project teams to understand their data needs and provide analytical support to address specific business questions or challenges
- Continuously monitoring data trends, performance metrics, and key indicators to identify anomalies, deviations, or opportunities for improvement
- Created a dashboard using Power-BI for one of the dataset(from web) to find the insights and patters of data

QA Lead, Iquanti , Bengaluru – Feb 2015 – Feb 2015

- Reviewing Test planning, tracking, estimating, conducting review and Retrospective meetings to have a smooth deliverables on time.
- Collaborating with teams and stakeholders to address specific requirement challenges.
- Followed Agile/SCRUM software development methodology and process.

Sr. QA Engineer, Symphony Teleca, Bengaluru – August 2014 – Jan 2015

- Reviewing BRD's ,Task planning, tracking, estimating.
- Experience and good practice of Agile/SCRUM software development methodology and process.

- Preparing all documentations for traceability matrix (RTM), test strategy, test plans, test.
- Estimations, test cases, and test scripts. Strong project management and organizational skills.

QA Engineer, Eurofins IT Solutions, Bengaluru – December 2012 – August 2014
- Review Business Requirements, acceptance criteria, preparing test strategy document.
- Develop test scenario's, derive test cases, Create test data and RTM, execute test cases and document defects.
- Performed UAT onsite(client site, Lux Europe).

Backend Team Analyst - Have 3yrs of non IT experience with Mphasis and Cambridge Solutions as a Team Lead.

EDUCATION

Bachelors of Computer Science, Mahatma Gandhi Memorial College – Udupi

SKILLS

Technical : Python, Machine Learning, Deep Learning, Artificial Intelligence, Computer Vision, NLP, SQL, Ms-Excel, Flask, Power BI, TensorFlow, Data preparation, Data Cleaning, Data wrangling, Data structuring, Data visualization(with python libraries), GitHub, Statistical modelling and Validation, Algorithms, Matplotlib, Seaborn, SDLC, STLC, Agile Process, Manual testing, QC, Jira.

Non-Technical : Business understanding, Problem solving attitude, Intellectual curiosity, Critical thinking, Professional and Effective communication, Software testing, Project management, Collaboration

CERTIFICATES

- **Masters in Artificial Intelligence –** Inside-AIML, Bengaluru
- **Internship** – Ambrapali Electrotech Pvt Ltd
- **Data Analysis using Python** – IBM
- **Machine Learning** – Level1, IBM
- **Deep Learning using TensorFlow** – IBM