

Subhasree Mohapatra

Highly communicative and enthusiastic IT professional with nearly eight years of industrial experience in various roles. Seeking opportunities to work in relevant fields of Data Analytics /Data Science while completing postgraduation in Data Science.

Skills

- Python
- Java
- Data Analysis and Visualization
- Anaconda(Jupyter Notebook)
- Scikit-learn Libraries
- SAP-ERP
- GitHub
- Power BI
- AWS SageMaker
- Azure Fundamentals
- R
- SQL
- Machine Learning
- Automation Implementation
- Deep Learning
- Good Team player
- Good communication skills
- Tensorflow, Keras
- Natural Language Processing(Word2Vec)
- Statistics
- Documentation and Reporting

Experience

MAY 2020

Virtual Internships:

- Completed Virtual Internship for KPMG on Data Understanding, Data Cleaning, and Analysis with a model suggestion.
- Completed Virtual Internship for ANZ on Data exploration and customer analysis with a model suggestion.

JULY 2011 – JULY 2019

IT Analyst / Tata Consultancy Services

Involved in various roles like Test Analyst, Business Analyst, with the latest being as an Automation Test Analyst for projects.

- Automating various modules of SAP-ERP and its business using UFT and ALM.
- Reviewed current hardware and software and recommended modifications to increase system speed.
- Delivered thoroughly documented technical reports on the software development lifecycle process in the regression and functional implementation phase.
- Compiling data on quality issues and vulnerabilities and reported all findings to the management and client with suggestions for improvement.
- Identified and tracked defects using test management tools, helping developers complete further testing and resolve issues, including doing PoC regarding business aspects and tools.
- Documented identified flaws using MS Word and helped developers achieve further testing and resolve issues assuring standards and quality following client's requirement.
- Involved in mentoring and Team building activities and implemented company policies, technical and standards procedure for preserving the integrity and security of data, reports, and access.

Selected Projects:

1) Thomson Reuters- Regression

- Automating various processes as an Automation Test Analyst by assessing scope and requirements.
- Have successfully executed cases for SAP-SD modules along with data queries in the Database.
- Appreciated by the cross-location team for support in multiple streams of the project.

2) Tata Steel Regression

- Implementation Automation procedure as an Automation Test Analyst.
- XML automation script development and comparing the results for an end to end process for verification resulted in time-saving and resource cost management for the client.
- Assessed scope and sequence execution of projects by participating in meetings with quality assurance, development, and project management teams.

3) User Management System

- Involved in mapping the gap analysis of requirements and rectifying operation inefficiencies acting as a SPOC between teams involved and clients as a Business Analyst.
- Involved in requirement analysis by database query handling.
- Documented business processes and analyzed procedures to verify change requests and their implementation.
- Successfully developed, revamped, and executed more than 250 test cases for SAP -MM, SAP-PM, SAP-SD modules.

Education

JULY 2019-PRESENT

Masters in data science / RMIT University, Australia

GPA: 3.6/4

Received Future Leaders Scholarship

JULY 2007-2011

Bachelors in Computer Science and Engineering/ College of Engineering and Technology

GPA: 8.6/10

- Recipient of Annual Scholarship for all years
- Graduated with 8.6/10 GPA

Publications/Projects(Data Science Aspect)

1)Wine data reviews through text classification(Using Naïve's Bayes):

The problem statement was to build a model predicting the reviewer's name depending on earlier comments for the wine by tweeters using vectorization and Naïve Bayes implementation after data preprocessing. Work published at <https://www.kaggle.com/subh86/winedata>

2)Energy prediction modeling and performance analysis:

Model constructed by understanding the electricity data for prediction of Energy using resampling and traditional machine learning methods with model comparison using Python. Work published at <https://www.kaggle.com/subh86/uci-data>

3)Acute nephritis Classification

Classification of Acute nephritis after data study over various factors as input from the medical research using Python. Work published at <https://www.kaggle.com/subh86/acute-nephritis>

4)Accidents report analysis with weather impact

Performed data preprocessing and transformation technics using R Studio upon two datasets for weather and accidents using R. Work published at <https://www.rpubs.com/Subhasree1986/541202>.

5)Statistical report on Weather analysis

Performed paired sample statistical t-test on weather data to analyze the humidity variation during a period of 6 months. Work published at <https://rpubs.com/Rutvi/541248>.

6) Data Visualization for captivating and correcting faulty Visualization

Data Visualization was recognized, stating the deceptive points and rectifying the errors. Work published at <https://rpubs.com/Subha86/606064>

7)Data storytelling through the dashboard using R:

Study of Australian energy consumption, production, and utilization over the ten years gap. Publication to be found on <https://rpubs.com/Subha86/621685>

Certifications

- Azure (AZ-900) certified
- Agile Scrum Foundation Certified
- ISTQB Foundation Tester
- Oracle JAVA SE 6 Certified
- ALMI Certified from LOMA, US

About me:

I have enthusiasm for volunteering and painting in my spare time. I was involved in TCS Maitri and mainly worked for underprivileged children and the old-aged as a volunteer. I am also a volunteer for mentoring and coaching children in Digital E School, an NGO in India that focuses on child education at no cost. I focus on teaching subjects like Communicative English, Maths, and Biology. The belief every child has the right to get a proper education. Nowadays, we also focus on educating the parents of the children. I had been contributing and guiding a family of 8K+ people for the change and awareness of education.

Moreover , I have been currently associated as a technical basis blog writer for Analytics Vidhya(A forum for data science) on medium.com.