DEVASHREE MADHUGIRI

LinkedIn | Medium | GitHub | kaggle

devashreesm@yahoo.com

Summary of Qualifications

- Machine Learning & Deep Learning certifications
- Python programming with Pandas, NumPy, Seaborn & Matplotlib libraries, scikit-learn & tensor flow frameworks
- Data Analysis – data cleaning and processing using advanced formulae, Pivot charts in Excel & Google sheets
- Data Visualization using BI tools – creating effective KPI dashboards in Power BI, Tableau
- Databases – PostgreSQL for relational databases and MongoDB for NoSQL database

Work Experience

Master Thesis Student   04/2019 – 09/2019
Insinno GmbH, Heidelberg, Germany

- Developed a supervised machine learning prediction model in Python for private household financial planning
- Generated dataset for analysis using advanced Microsoft Excel functions from statistical data
- Identified, analysed, and interpreted trends in a complex dataset
- Selected Machine learning Algorithms to build model for predicting events and their effects

Business Intelligence Analyst Intern   01/2017 – 06/2017
Shilart Consultancy Services Pvt Ltd, Pune, India

- Performed market research and competitor analysis for an ERP software
- Data analysis to identify trends using company data in Excel and wrote SQL queries to retrieve relevant data
- Defined key metrics, generated business intelligence reports to answer business questions
- Created effective KPI dashboards and data visualizations using Power BI to improve market share

Intern   09/2016 – 11/2016
COMSOL Multiphysics Pvt. Ltd., India

- Process 3D data to generate model and mesh visualizations
- Setup and run simulation demos for the tool

Data Analyst   09/2013 – 05/2015
Icare Insurance Broking Services Pvt. Ltd., India

- Setup Excel templates required to acquire, store and process customer data, query business data using SQL
- Generated customer and insurance KPI dashboards in Excel & Tableau for data-driven decision making by stakeholders
- Assisted IT team in implementation of 2 relational databases for customer information system and healthcare system
- Perform data modelling, data and ad-hoc analysis for customer data, generated ad-hoc reports

Education

SRH Hochschule Heidelberg, Germany   10/2017 – 09/2019
Master of Engineering in Information Technology

Rashtrasant Tukdoji Maharaj Nagpur University, India
Bachelor of Engineering in Electronics Engineering   07/2009 – 06/2012

Maharashtra State Board of Technical Education (M.S.B.T.E), India
Diploma in Electronics and Telecommunication   06/2006 – 06/2009

Certifications

- **Tableau Data Scientist Badge**, (Tableau, 07/2020)
- **Advanced Google Analytics**, Google (01/2020-01/2023)
- **Structuring Machine Learning Projects**, Coursera (08/2019, ID: TZYJFU5N3MZ)
- **Improving Deep Neural Networks**, Coursera (08/2019, ID: RTA8HHVAZFDD)
- **Neural Networks and Deep Learning**, Coursera (07/2019, ID: RR328MGDHTAC)

Projects & Publications

- Diabetes Prediction with PyCaret (Analytics Vidhya)
- Stroke Prediction with Machine Learning (Medium)

Language Skills

English, Hindi, Marathi (Mother Tongue), German (A2)