RUPESH S

Data Analyst

Experienced Data Analyst with full flexible of inspecting, cleansing, transforming and modelling data with the goal of discovering useful information, informing conclusions and supporting decision-making.

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EDUCATION

July 2019 - December 2019
SSN School of Advanced Career Education, Chennai, Tamil Nadu
Post Graduate Diploma in Business Analytics & Data Science, 9GPA

June 2016 - April 2019
Sri Sairam Engineering College, Chennai, Tamil Nadu
B.E - Mechanical Engineering, 9GPA

EXPERIENCE

June 2020 - present
Solverminds Solutions and Technologies Pvt Ltd
Position: Data Analyst
1) Time Series Forecasting Project - SEDGE Product
        a) Developed Time series forecasting for SEDGE product from scratch exploring the data to forecasting future periods.Applied visual Analytics for TSA is Resampling method (Up & Down sampling), Seasonal Decomposition (Trend, Seasonality, Residual), Stationarity check (Rolling statistics, ADF Test, KPSS Test, Granular Casuality test, Co-integration Test), ACF & PACF plots.
        b) Used Algorithms- SES, AR, MA, Holtliner, HWES, ARIMA, SARIMA, AUTO-ARIMA, VAR, VARMAX, FB-Prophet.
        c) Created LSTM model for time series data to get better accuracy and also LSTM models have capability to learn long term sequence of data
        d) Developed project report book for future analysis and project scheduled work using MS Project.

2) OCR Project - SEDGE Product
        a) Developed OCR function code to extract the string from given image used technologies are tesseract and google cloud platform.
        b) Once extracted the string we are translating text from one language to another language using google translator.
        c) Finally we converted text-to-speech using gTTS package.
        d) Developed project report book for future analysis and project scheduled work using MS Project.

3) ETL Project - Keppel Smit Towage Company, Singapore Client
        a) Combined 3 Databases (MS-SQL, Postgresql, MySQL) and pushed to AWS MYSQL server using talend open studio.
        b) Based on PowerBI edit query we created mapping work in Talend tool which are used for powerBi visualization.
        c) Developed project report book for future analysis and project scheduled work using MS Project.

4) Email Parser Python Automation Project - Hapag Lloyd, Germany Client
        a) The aim of this project is to automate manual ticket raising to JIRA Tool and created function code based on client given flowchart.
        b) Created MySQL DB to store all ticket details which is extracted from JIRA Tool
        c) Based on scheduler the python script will run
        d) Developed Project report book for future analysis and project scheduled work using MS Project.

February 2020 - June 2020
Thryve Digital Health LLP
Position: Analyst
1) ETL Project - HighMark Health, US Client
    a) Worked in ETL operation using Informatica BDM tool for MySQL data and have done data exploration which is used for EDA work.
    b) Data cleaning, preparation work done for model building Health Care data.
    c) Developed Project report book for future analysis and project scheduled work using MS Project.

SKILLS DEVELOPED

1) Statistical Reasoning
2) Data Visualization and data story telling
3) Machine Learning (Supervised & Unsupervised algorithms)
4) Time Series Forecasting
5) Deep Learning (RNN - LSTM)
6) Optical Character Recognition (Image & PDF OCR)
7) Natural Language Processing (Sentiment Analysis)

TOOLS USED

Programming Language :: Python- Pandas, PySpark
Query Language: MS-SQL, MySQL, Postgresql
Statistics Tool: SPSS, Excel
ETL Tool: Talend Open Studio (TOS), Informatica BDM
Visualization Tool: Tableau, PowerBI
API Tool: Postman
Working IDE: Jupyter NoteBook, Spyder, Pycharm, Python Shell
Operating System: Windows / Ubuntu 18.0

CERTIFICATIONS

- Python Programming
- Employability Skills Enhancement Program
- Completed RPA course work and got 70% (Credential Id: 15480221)
- IBM SKILLS ACEDAMY AWARDS
  1) Artificial Intelligence Analyst
  2) Business Intelligence Analyst
  3) Predictive Analytics Modeller
- Demystifying data science workshop conducted by Anna University

ACHIEVEMENTS

- Secured 9th Position in Anna University Ranking among the 20000 students in all over Tamil Nadu.
- Completed DataCamp Career Track - Data Analyst with Python and Natural Language Processing.
- Leo Muthu Scholarship worth Rs.5000 / - for best academic performance in undergraduate degree.
- Got "Appreciation award" from SEDGE Team for achieving the innovation idea for Time Series Forecasting.

LANGUAGE KNOWN

1) English - Full Professional Proficiency
2) Tamil - Native or Bilingual Proficiency
3) Telugu - Limited Worked Proficiency