CH.PRAVEEN

Python Developer

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TECHNICAL SKILLS

Operating System : Windows

Languages:Python,GUI,Flask

Concepts:Functions,Data

Structures,Pandas,Numpy,

AWS,Machine Learning,Flask

API

Database : MySQL, MongoDB

Editors : IDLE, Notepad++, juypter notebook, Spyder, PyCharm,vs code.

EXPERIENCE

Python Developer

Responsibilities:

- Used data types like dictionaries, tuples and object-concepts
- Using Pandas to analyzing the Data. Remove null and Nan values and also unwanted data, replace mean value in place of Null values et.c. Other process of pandas Data frame.
- Data cleaning and data validations
- Managed large data sets using Panda data frames and MySQl.
- Automation with selinum python.Working with flask Apis.
- Getting data from S3 bucket and do some validations and stored data as csv file to S3.
- Working with Boto3 Module for AWS
- Working with DataSets and Train and test the data for applying machine Learning Algorithms.
- Create API's using Flask Module.

Environment:

- Python, PyCharm, jupyter notebook, Spyder, Windows.
- GUI : TKINTER,Kivy
- API:Flask

EDUCATION

S.R.K.R Engineering College, Bhimavaram - *B.Tech (Computer Science Engineering)*
2015- 2019

PROJECT DETAILS

1.Project Name : Data Migration

Description **:**

- Developed a script in AWS lambda function, which can be data migrations using python and boto3 AWS.
- Firstly connect with AWS S3 bucket using boti3 module and getting the files like JSON formatted.
- Then read the all JSON files in S3 bucket and extract few information from that files, what we want exactly.
- After getting all information then we create data frame using pandas.
- Finally data will be stored into the parquet file.

2. ***Project Name*** **:** Real Time Similar News Classification

Description **:**

- Getting data(headlines, summaries)from the real time updated news to the mongoDB. Filter the category id.
- Then check the last3 days data.
- Finally check the similar news using modules of python.

Tools: jupyter notebook

Programming: Python, MongoDB

3. ***Project Name*** **:** Gmail Bot Fully working with voice command

Duration **:** 3 Months

Description **:**

- In this user operate the gmail through voice command.
- Likes end in g-mail, read mails, search,trash mails and delete the mail. All functioning are working.

Tools: Spyder

rogramming: Python

4. ***Project Name*** **:** Soil Fertilty Prediction

Description **:**

- Take the DataSet of soil Includes primary and Secondary nutrients
- Preprocessing the dataset.
- Check availability of macro nutrients and primary nutrients and Secondary nutrients.
- Categorization of Soil Parameters and Nutrients.
- Check availability of Sulphur and macro nutrients status.
- Percent deficient for available sulphur and micro nutrients in Soil.
- Final Apply the Machine Learning alogrithms for to predict the Soil fertility.

(CH. Naveen)