SDLC IN DATA SCIENCE

Problem definition

The current inventory management system is failing to provide accurate real-time data, causing stockouts and overstocking issues that impact sales and operation

Data collection

Data(raw data)

Information- refined data in arranged in some meaningful order is called information

In this stage data is collected which is required to solved the problem from various sources

For eg data can be collected from- sales report,customers reports, inventory stock records

Data preparation

The preparation of cleaning and preparing the collected data to make it suitable for analysis

Handeling null or missing values

Handel duplicate values- we can actually delete the duplicate values

Creating new features

We can clean the sales data by removing the duplicate values handeling the missing values and creating feature like location wise purchase report or categories of product to recommend

EDA

We can use visualization technique to identify latest market trends that can be observed in the product purchase or sale

Eg- which product or products are purchased in combinequently by the customers

Modelling

In mofelling phase we create mathematical model based o the data that is collected and prepared to increase sales to recommend product duo that can be shared to customers

global configuration

git config --global user.name “itvedant”

git config --global user.email gantayatrakesh59@gmail.com

C:\Users\Admin>git config --global user.name "rakesh"

C:\Users\Admin>git config --global user.email "gantayatrakesh59@gmail.com

echo "# rakesh" >> README.md

git init

git add git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/rakesh12-dev/rakesh.git

git push -u origin main

git remote add origin https://github.com/rakesh12-dev/rakesh.git

git branch -M main

git push -u origin main

C:\Users\Admin> git config --global user.name "rakesh"

C:\Users\Admin>git config --global user.email "gantayatrakesh59@gmail.com

C:\Users\Admin>

C:\Users\Admin>cd C:\Users\Admin\Desktop\rakesh123.docx

The directory name is invalid.

C:\Users\Admin>cd C:\rakesh

C:\rakesh>git init

Initialized empty Git repository in C:/rakesh/.git/

C:\rakesh>git add .

C:\rakesh>git commit -m "initial commit"

[master (root-commit) da8cfc4] initial commit

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 rakesh123.docx

create mode 100644 ~$kesh123.docx

C:\rakesh>git branch -M main

C:\rakesh>git remote add origin https://github.com/rakesh12-dev/rakesh.git

C:\rakesh>git push -u origin main

info: please complete authentication in your browser...

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 4 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 11.08 KiB | 5.54 MiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/rakesh12-dev/rakesh.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

C:\Users\Admin>git config --global user.name "rakesh"

C:\Users\Admin>git config --global user.email "gantayatrakesh59@gmail.com

C:\Users\Admin>git init

Reinitialized existing Git repository in C:/Users/Admin/.git/

C:\Users\Admin>cd C:\rakesh

C:\rakesh>git init

Reinitialized existing Git repository in C:/rakesh/.git/

C:\rakesh>git add .

C:\rakesh>git commit -m "initial commit"

[main cf122e9] initial commit

5 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 rakesh126.docx

delete mode 100644 ~$kesh123.docx

create mode 100644 ~$kesh126.docx

create mode 100644 ~WRL0219.tmp

C:\rakesh>git branch -M main

C:\rakesh>git remote add originhttps://github.com/rakesh12-dev/https-github-com-sankpalkalyani93-FoundationSession-Demo.git

usage: git remote add [<options>] <name> <url>

-f, --[no-]fetch fetch the remote branches

--[no-]tags import all tags and associated objects when fetching

or do not fetch any tag at all (--no-tags)

-t, --[no-]track <branch>

branch(es) to track

-m, --[no-]master <branch>

master branch

--[no-]mirror[=(push|fetch)]

set up remote as a mirror to push to or fetch from

C:\rakesh>git remote add origin https://github.com/rakesh12-dev/https-github-com-sankpalkalyani93-FoundationSession-Demo.git

error: remote origin already exists.

C:\rakesh>git remote add origin https-github-com-sankpalkalyani93-FoundationSession-Demo.git

error: remote origin already exists.