Hopcharge Dashboard Documentation

(URL - https://hopcharge-dashboard.streamlit.app/)

Here's a step-by-step guide to adding new files to the project by forking and creating a pull request.

Step 1: Fork the Project

1. Go to the original project's repository on GitHub (or your preferred version control platform): https://github.com/NandiniNaithani/final-dashboard/tree/main

2. Click on the "Fork" button in the top-right corner to create a copy of the repository in your GitHub account.
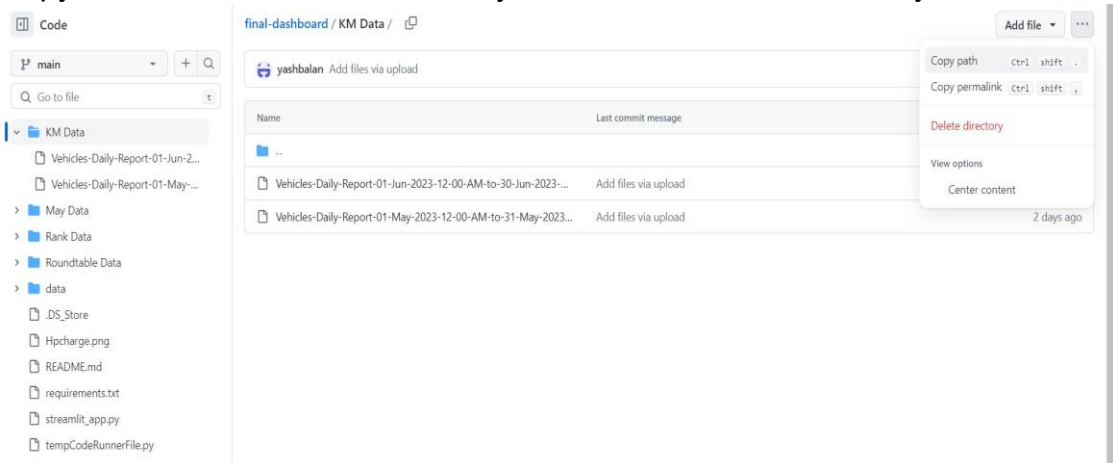
Step 2: Add New Data Files

1. In your forked repository on GitHub, navigate to the appropriate directories to add the new data files.

   - Roundtable Data
   - KM Data
   - Rank data

2. Click on the "Add file" button and choose "Upload files" to upload the new data files.

3. Commit the changes by providing a brief description of the changes made in the commit message box.

4. Click on the "Commit changes" button to commit the new data files to your branch.

Step 3: Modify the Code

1. In your forked repository on GitHub, navigate to the appropriate code file you want to modify (**streamlit_app.py**).

2. Click on the "Edit" button to modify the code directly on the GitHub interface.

3. Make the necessary changes to the code to include the new data files:

- Copy the Path Address of the Newly Added File from the directory like

- Paste this Path Address to Modify the Code, in below format:

```python
def load_monthly_data(file_path):
    return pd.read_csv(file_path, encoding='latin1')

# Load June data
june_file_path = 'Roundtable Data/New_June_Roundtable_Data.csv'
df_june = pd.DataFrame(load_monthly_data(june_file_path))

# Load July data
july_file_path = 'Roundtable Data/New_July_Roundtable_Data.csv'
df_july = pd.DataFrame(load_monthly_data(july_file_path))

# Concatenate June and July data for df_month
df_month = pd.concat([df_june, df_july], ignore_index=True)

# Load June vehicles data
june_vehicles_file_path = 'KM Data/New_June_Vehicles_Data.csv'
df_vehicles_june = pd.DataFrame(load_monthly_data(june_vehicles_file_path))

# Load July vehicles data
july_vehicles_file_path = 'KM Data/New_July_Vehicles_Data.csv'
df_vehicles_july = pd.DataFrame(load_monthly_data(july_vehicles_file_path))

# Concatenate June and July data for df_vehicles_month
df_vehicles_month = pd.concat([df_vehicles_june, df_vehicles_july], ignore_

def load_rank_data(file_path):
    return pd.read_csv(file_path, encoding='latin1')

# Load June rank data
june_rank_file_path = 'Rank Data/New_June_Rank_Data.csv'
df_rank_june = pd.DataFrame(load_rank_data(june_rank_file_path))

# Load July rank data
july_rank_file_path = 'Rank Data/New_July_Rank_Data.csv'
df_rank_july = pd.DataFrame(load_rank_data(july_rank_file_path))

# Concatenate June and July data for the rank DataFrame
df_rank = pd.concat([df_rank_june, df_rank_july], ignore_index=True)
```

4. Scroll down to the "Commit changes" section.

5. Provide a meaningful commit message that briefly describes the changes you made to the code.

6. Click on the "Commit changes" button to commit the modifications to your branch.

Step 4: Streamlit Register and Sign In

Visit the Streamlit sharing website (https://streamlit.io/sharing) and sign in using your GitHub credentials.

Step 5: Deploy Your Application

1. Click on "New App" to start deploying a new application.

2. Connect your GitHub repository by selecting it from the list of available repositories.

3. Choose the branch you want to deploy (usually the master/main branch).

4. Configure your application settings, such as setting the app name and adding a description.

5. Click on "Deploy" to start the deployment process.

Step 6: Wait for Deployment

The deployment process might take a few minutes. Streamlit will automatically build and deploy your application to the cloud.

Step 7: Access Your Streamlit App

Once the deployment is successful, you will receive a link to access your deployed Streamlit application. It will have a default URL like https://share.streamlit.io/your_github_username/your_repository_name or you can set the URL during Step 5.

Step 8: Make Updates

You can continue to make updates to your application on your local machine and push the changes to your GitHub repository. Streamlit sharing will automatically detect changes in your repository and redeploy the application when you push new commits.

Dashboard URL: https://hopcharge-dashboard.streamlit.app/

GitHub URL: https://github.com/NandiniNaithani/final-dashboard/tree/main