K.RAMAKRISHNAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

FUEL PRIZE MONITORING AND ANALYSIS TOOL

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PRESENTATION OVERVIEW

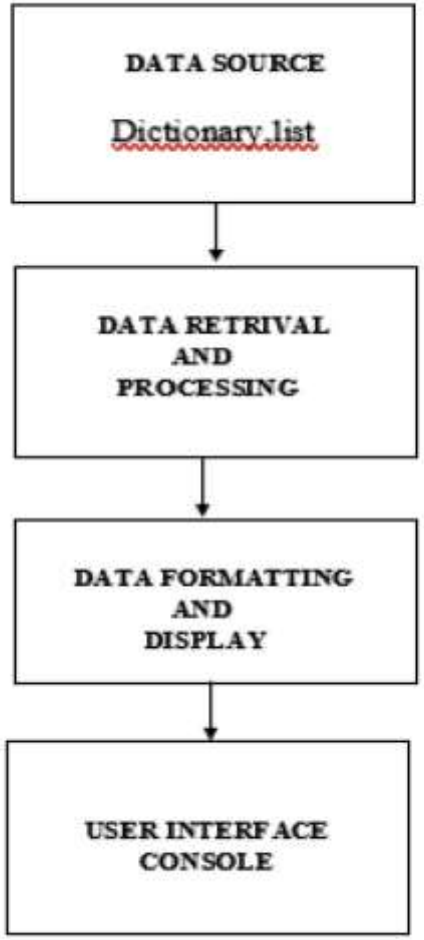
- **Objective**
- **System Architecture(Flow Diagram)**
- **Modules**
- **CodeTantra Implementation Screenshot**
- **Future Scope**
- **Conclusion**
- **Referrnce**

OBJECTIVE OF THE PROJECT

OBJECTIVE :

The objective of the Petrol Price Monitoring and Analysis Tool is to provide real-time monitoring and analysis of petrol prices, enabling users to track trends, make informed decisions, and understand factors influencing price fluctuations.

PROPOSED SYSTEM ARCHITECTURE/FLOW DIAGRAM



MODULES

1.USER INTERFACE: The User Interface (UI) module handles user interactions, taking input from the user and displaying the output.

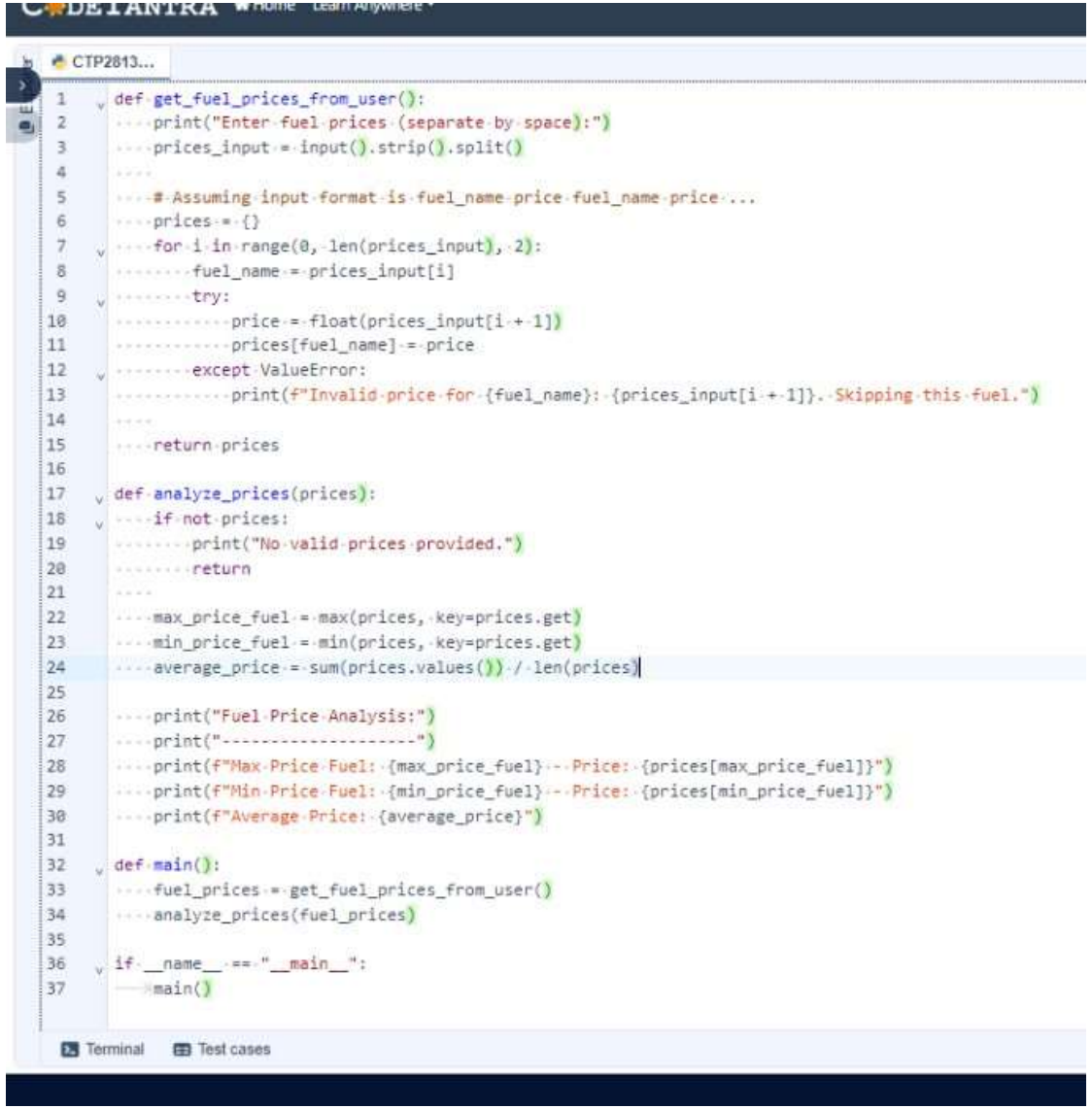
2.DATA COLLETION: This module will be responsible for collecting and updating the fuel prices.

3. DATA PROCESSING: This module will process the fetched data if needed. It can include functions to format or validate the data before displaying it.

4. DISPLAY THE RESULT: The Display the result module is responsible for formatting and displaying the today's and yesterday's fuel prices

CodeTantra Implementation Screenshot

PROGRAM



CodeTantra Implementation Screenshot

OUTPUT

```
Enter fuel prices (separate by space):
Gasoline 3.50 Diesel 3.20 Electric 0.12
```

```
Fuel Price Analysis:
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Max Price Fuel: Gasoline - Price: 3.5
Min Price Fuel: Electric - Price: 0.12
Average Price: 2.2733333333333334
```

Future Scope:

- A fuel management system is designed to monitor, control, and optimize the use of fuel in various applications.
- It tracks fuel use, detects leaks or theft, and provides information to improve efficiency.

Conclusion:

- As the landscape evolves, Fuel Price Monitoring and Analysis Tools will play a crucial role in navigating the complexities of fuel economics, driving efficiency, and promoting sustainability in the energy sector.

Reference:

- Fluent Python: Clear, Concise, and Effective Programming by Luciano Ramalho
- www.geeksforgreeks.org


Thank
You