

OPTION CHAIN ANALYSIS

Project by

01

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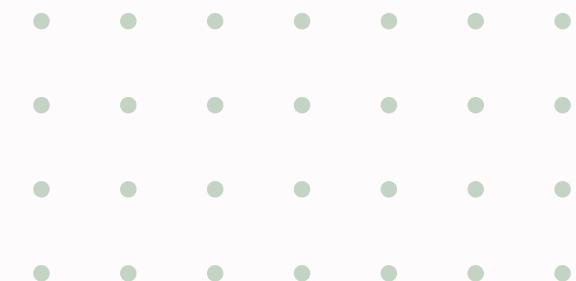
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Overview

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Getting Data from the
Real-Time Stimulation



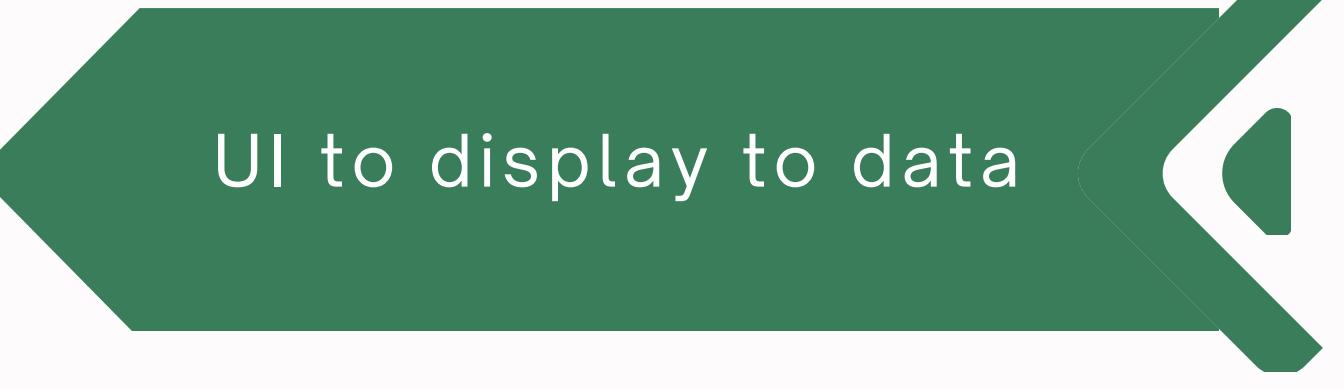
Decoding the TCP Stream

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IV calculation



UI to display to data

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Objectives

Establishing Backend Connection

This involves decoding TCP packets using field length and offset values, incorporating the underlying package for integration, and connecting the decoded data to the backend.



Backend and Frontend Integration

Create a web socket connection to ensure seamless transmission of the decoded data from the backend to the frontend, preventing any loss of information during the process.



IV Calculation

Perform accurate IV calculations by considering changing data, LTP, and underlying packets. Implement algorithms or formulas for the IV calculation as new data is received.



Data Filtering and Display

Implement efficient filtering options based on criteria like bank name and expiry date, enabling users to narrow down the displayed data. Design a user-friendly interface for clear and organized presentation of the filtered data, enhancing usability and interaction.

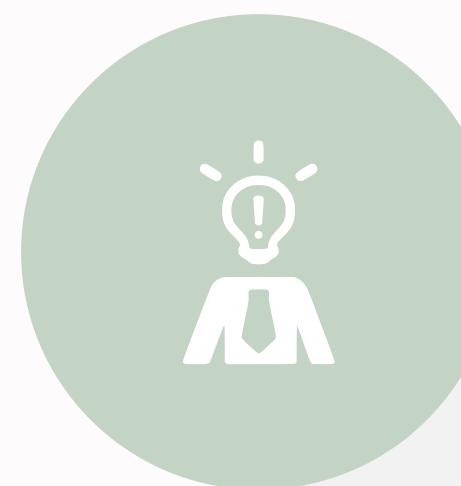


Tech Stack



React.js

List a milestone or deadline.



Socket.io

List a milestone or deadline.



Node.js

List a milestone or deadline.

FEATURES

Our Option Chain app



Streamlined Dataflow

No loss of Data as well as smooth flow of Data



Real Time Data Stimulation

Using web sockets to Stimulate Real time data into frontend



Filtering Real Time Data

Filtering the Data based on the Banks and Expiry Date



**THANK
YOU**