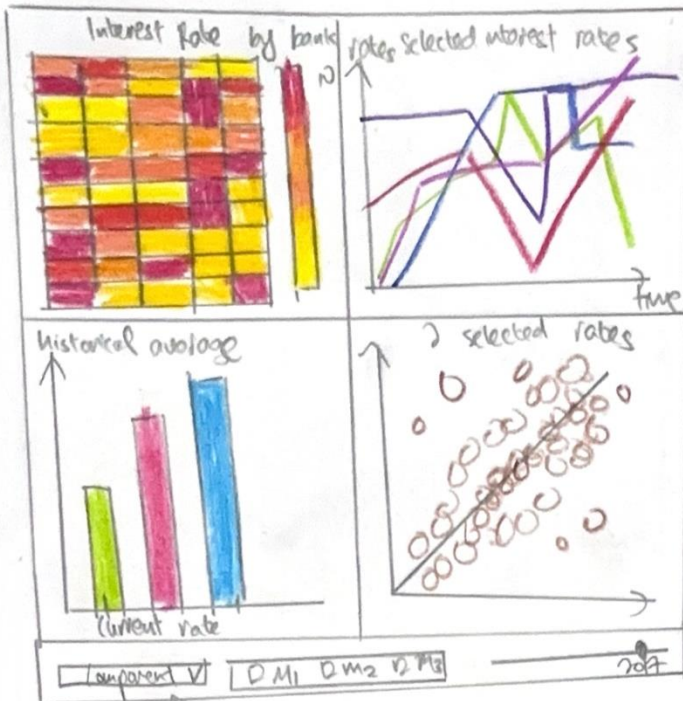


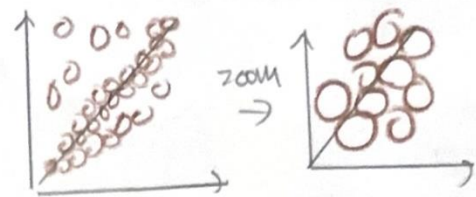
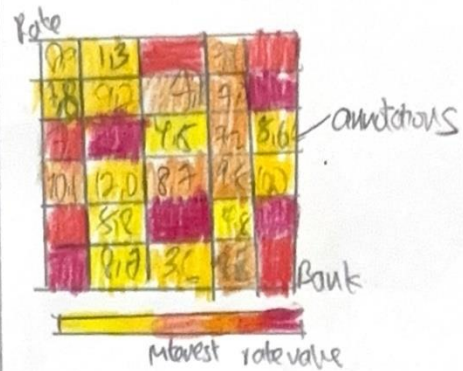
layout



☐ DM1 total
☐ DM2 total
☐ DM3 currency
☐ currency in circulation

Years: + + + + +
 Months: + + + + +
 1 2 3 4 5 6 7

Operations



Date Range Picker

| Date Range Picker | | | | | | |
|-------------------|----|----|----|----|----|----|
| Su | Mo | Tu | We | Th | Fr | Sa |
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 7 | 8 | 9 | 10 | 11 | 12 | |
| 13 | 14 | 15 | 16 | 17 | 18 | |

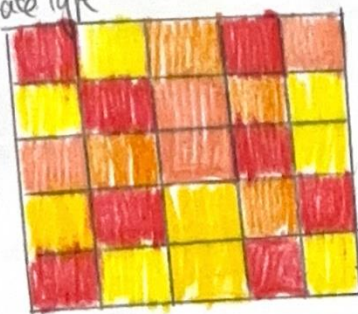
Bank type filter

| Component | V |
|------------|---|
| Investment | |
| Commercial | |

Focus

Interest Rate Dynamics

Rate type



→ multi-view analysis

→ rate comparison

→ historical context

Discussion:

Pro:

→ comprehensive view of interest rate relationship

→ both broad & detailed analysis

→ facilitates discovery of correlations & anomalies

Con:

→ performance might suffer with larger datasets

→ limited to interest rates, missing broader economic context

Layout

Currency Circulation & Exchange Rate



Exchange rate with trading partners

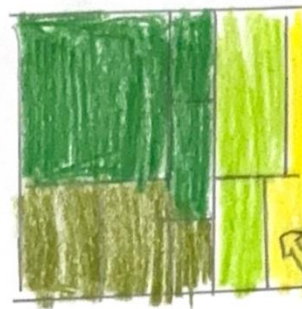


52%

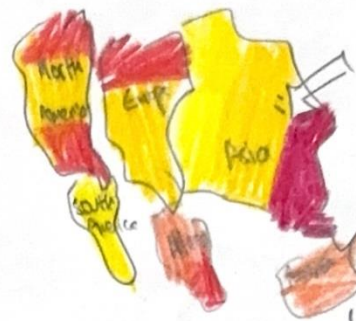
40%

80%

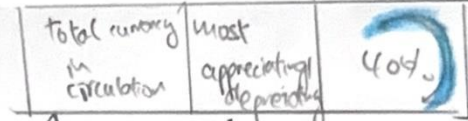
Operations



historical trends



correlation between



RMB?, RMB?, USD, ZAR?

created on

Focus

Currency Flow & Value



→ domestic currency composition

→ international exchange rates

→ temporal analysis

Discussion

Pros:

→ combines domestic & international monetary perspectives

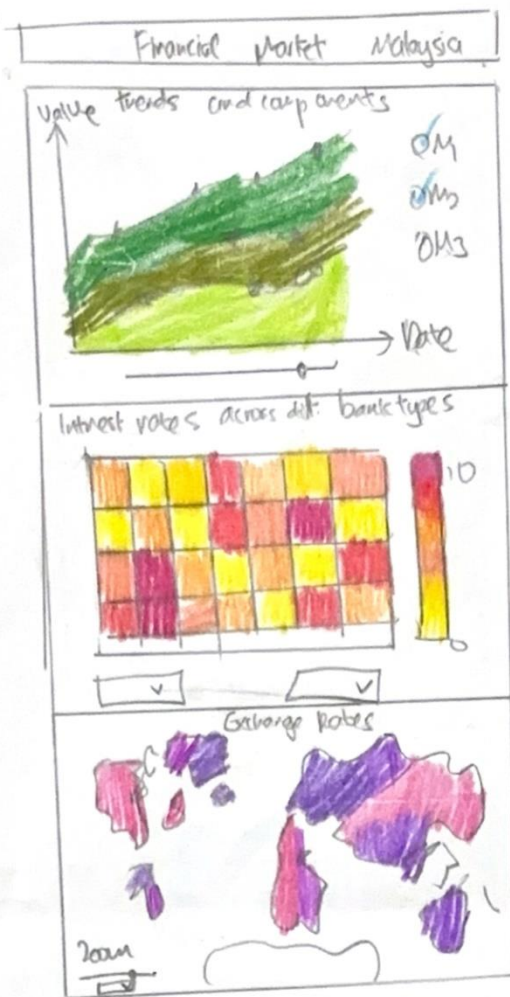
→ intuitive visualizations for complex data

Cons: → May oversimplify complex economic relationships

→ limited to specific aspects

→ Requires frequent updates for exchange rate data

Layout



Hover tooltips & highlights



→ mouse as view

Drop down menu filters

component V

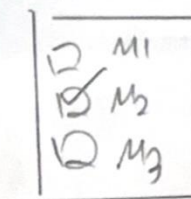
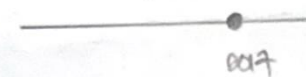
currency in circulation

fixed deposits

M1 total

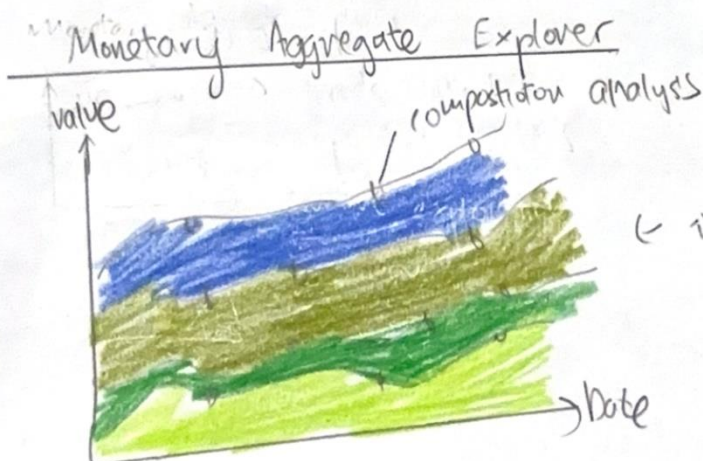
M2 total

Data range sliders



checkboxes selection

Focus



← interactive exploration

↑ trends over time

Discussion:

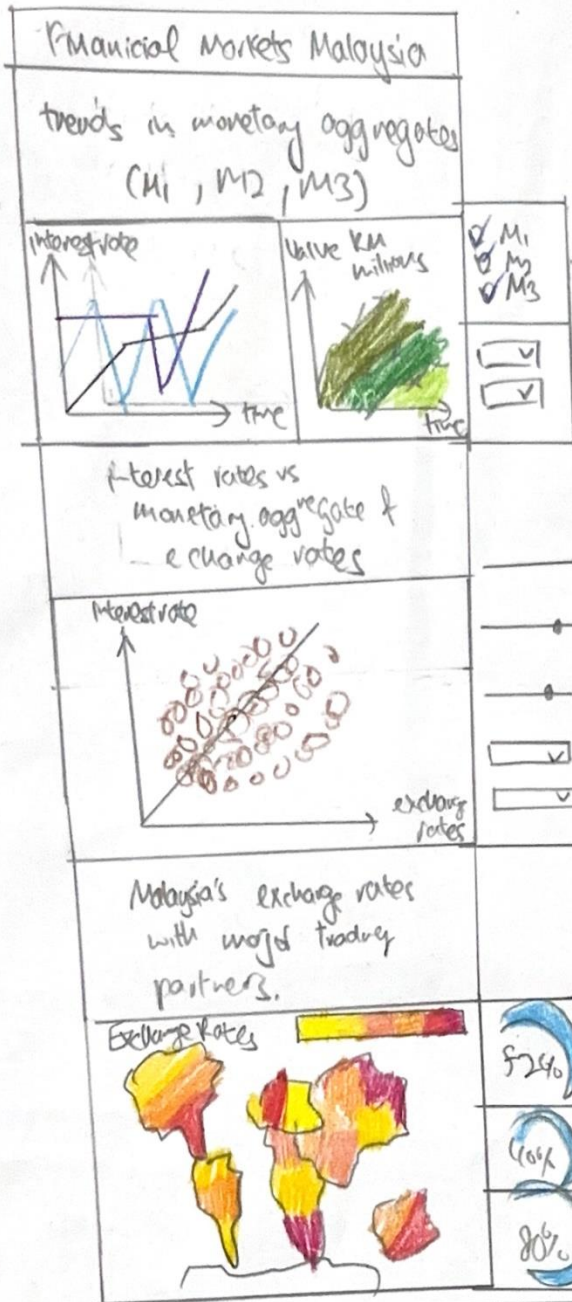
- Pros:
- comprehensive view of monetary aggregates
 - easy to spot trends & compositional changes
 - interactive elements enhance data exploration
- con:
- limited context without additional economic indicators

Summary:

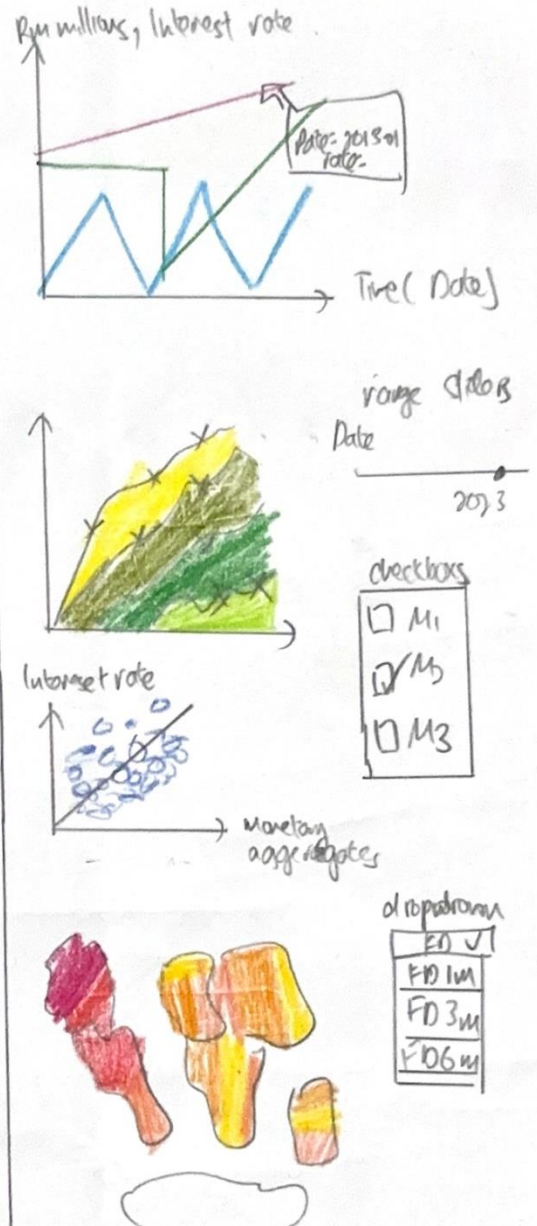
title: Monetary Aggregate Explorer

Interactive visualization tool for analysing trends & composition

Layout



Operations

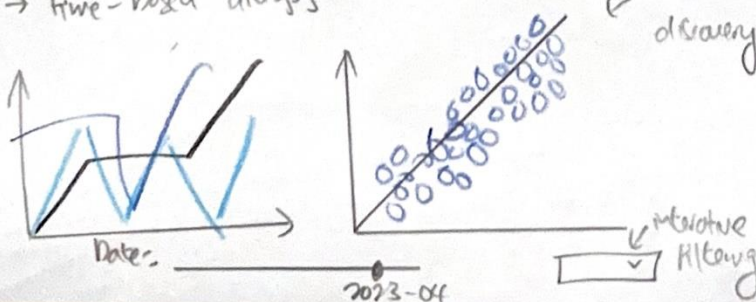


Focus

Comprehensive Monetary Dashboard

→ Multi-view interface designed to allow users to explore Malaysia's key economic indicators

→ time-based analysis



Data collections

Data source = Malaysia's Central

Bank (Bank Negara Malaysia),
trading partners's central banks, & international financial database

Technologies = Vega or Vega-lite & HTML & pure CSS
might use javascript.