

Currency Tracker Solution Architecture

Automated Currency Exchange Rate Monitoring & Alert System

ExchangeRate-API.com
Real-time Currency Exchange Rates

- Protocol: HTTPS / REST API

- ## 2. Automation & Orchestra

- Conditional Alert Triggering
- Data Storage Operations

→ Query Records Older than 7 Days

- Apply to Each Loop
 - Delete Historical Data
 - Maintain Storage Limits

[Update DB → Send Email Alert](#)

- ## 3. Data Storage

- Rate (Number/Decimal)
- Date (DateTime)

- AlertTriggered (Boolean)
PreviousRate (Number/Decimal)

- ## Days Historical Data

- Content: Rate, Threshold, Date
- Priority: Normal/High

- USD > 330 LKR
- EUR > 370 LKR

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- ## Power Apps (Canvas App)

Data Protection

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