Poe Mark

Market Alerts For Path of Exile

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Buy and sell more effectively

You have died!
RESURRECT IN TOWN
RESURRECT AT CHECKPOINT

PATH OF
EXILE

Query

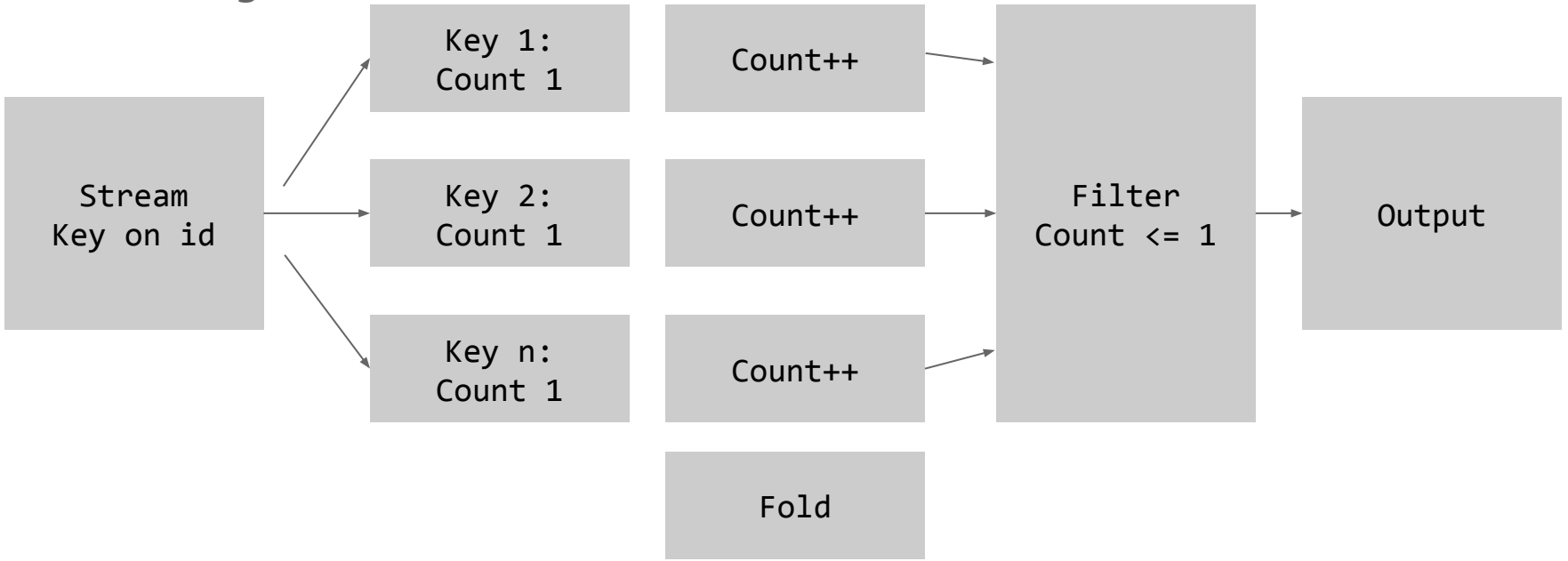
Subscribe to and receive update when an item appears on the market at a low price.

Requires:

- Remove duplicates
- Determine criteria for low price
- Quickly provide updates to users

Challenges

Filtering, average price, standard deviation on streaming data



Challenges

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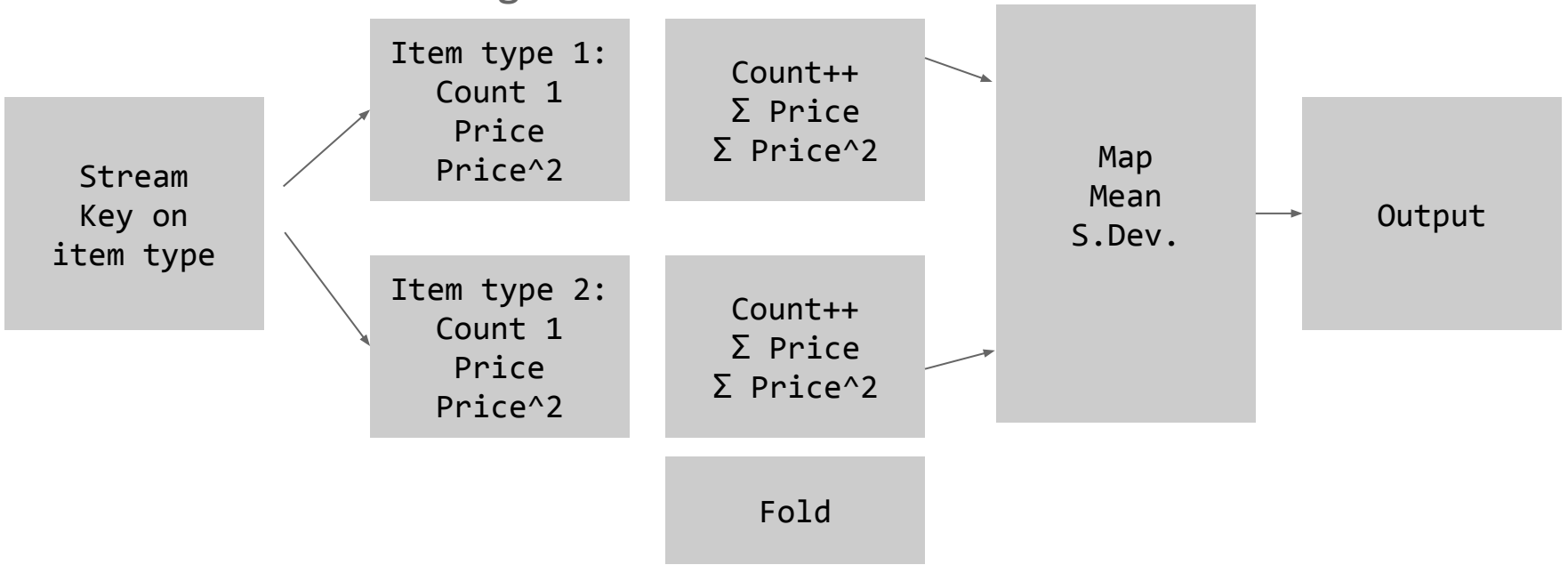
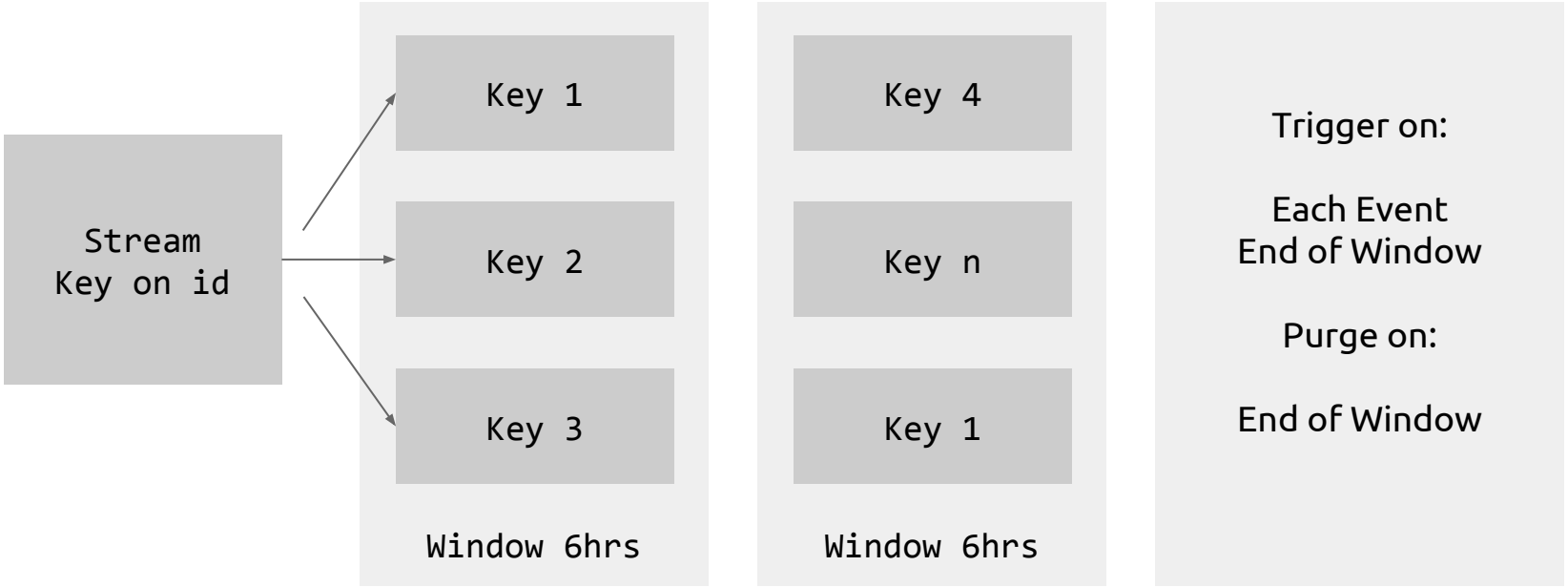


Challenges

Memory management for growing data

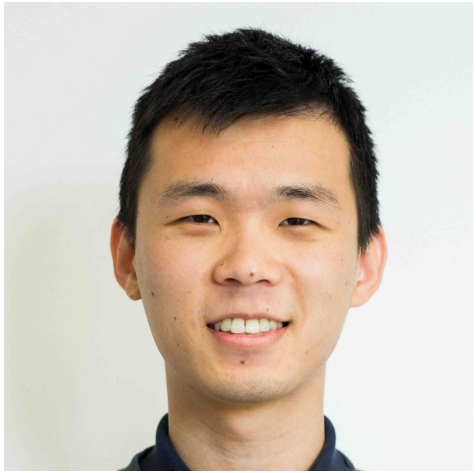


About me

Cognitive Science MS UCSD

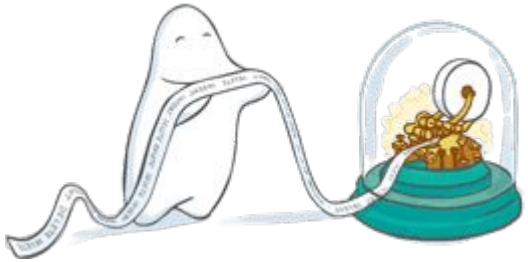
I like video and board games

I like human behavioral and physiological data and time series



Challenges

Alert feed for users

Synchronous too slow (over 15s)

Asynchronous using websocket and Rethinkdb change feeds