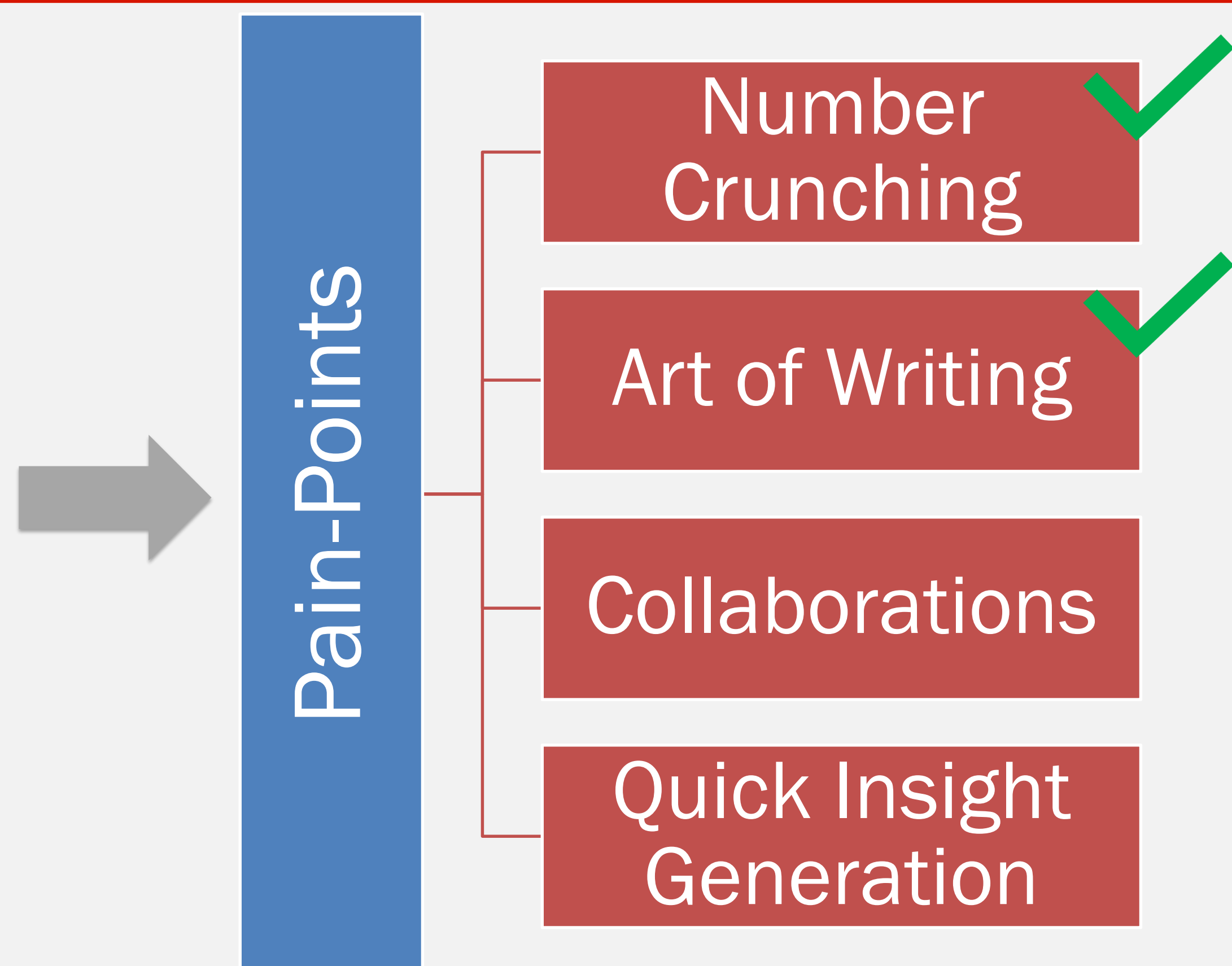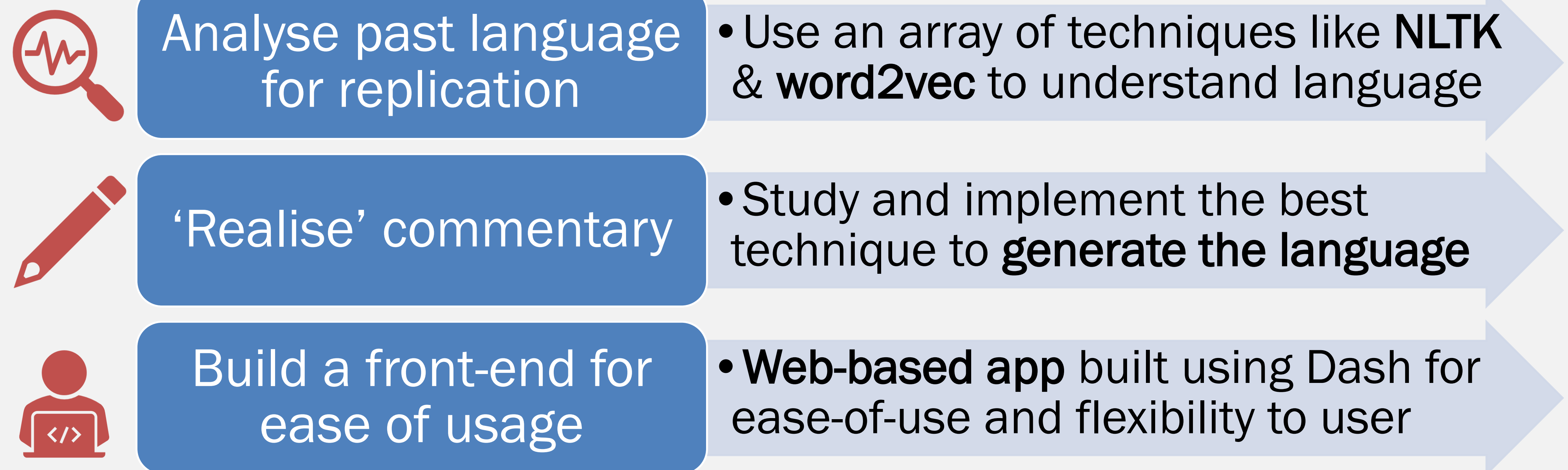# Automated Financial Commentary Generation

Utkarsh Chaturvedi | Supervised by Prof. Teo Thompson
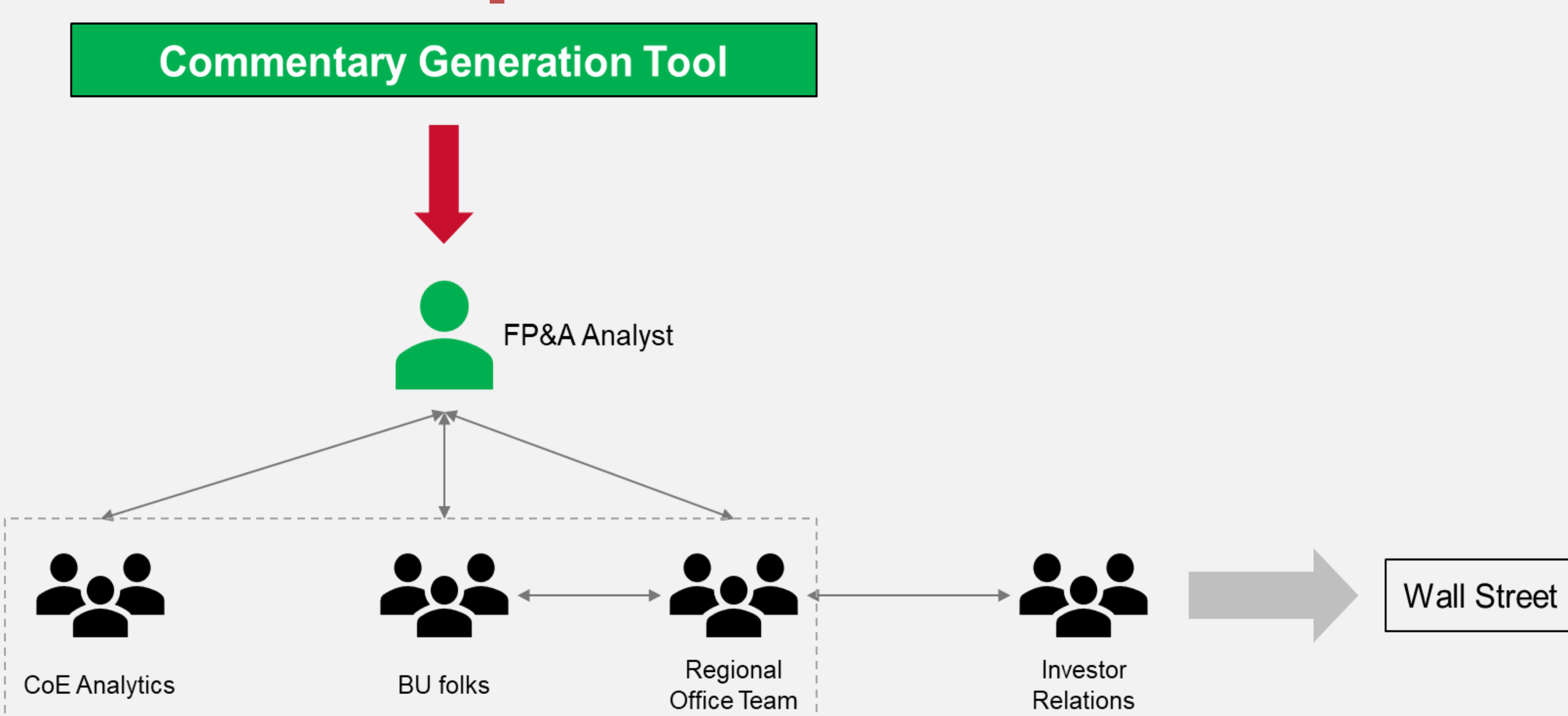
Business Context:

Analysts on floor manually write financial commentaries every month, making decisions on **when, what and how** to convey information to business leaders. Automating the mundane aspects of this process can improve process efficiency

Pain-Points

- Number Crunching ✔
- Art of Writing ✔
- Collaborations
- Quick Insight Generation

Solution Flow:

Analyse past language for replication
- Use an array of techniques like **NLTK** & **word2vec** to understand language

'Realise' commentary
- Study and implement the best technique to **generate the language**

Build a front-end for ease of usage
- **Web-based app** built using Dash for ease-of-use and flexibility to user

Solution Implementation:

Commentary Generation Tool

FP&A Analyst

CoE Analytics | BU folks | Regional Office Team | Investor Relations → Wall Street

Impact:

- Time Saver
- Improved Quality & Consistency
- Scope for analytics engine