

# Deep Learning: Automatic Text Summarization & Concept Generation

*There are broadly two approaches to automatic text summarization: **extractive** and **abstractive***



**Extractive** approaches select passages from the source text, then arrange them to form a summary

You might think of these approaches as like a highlighter.

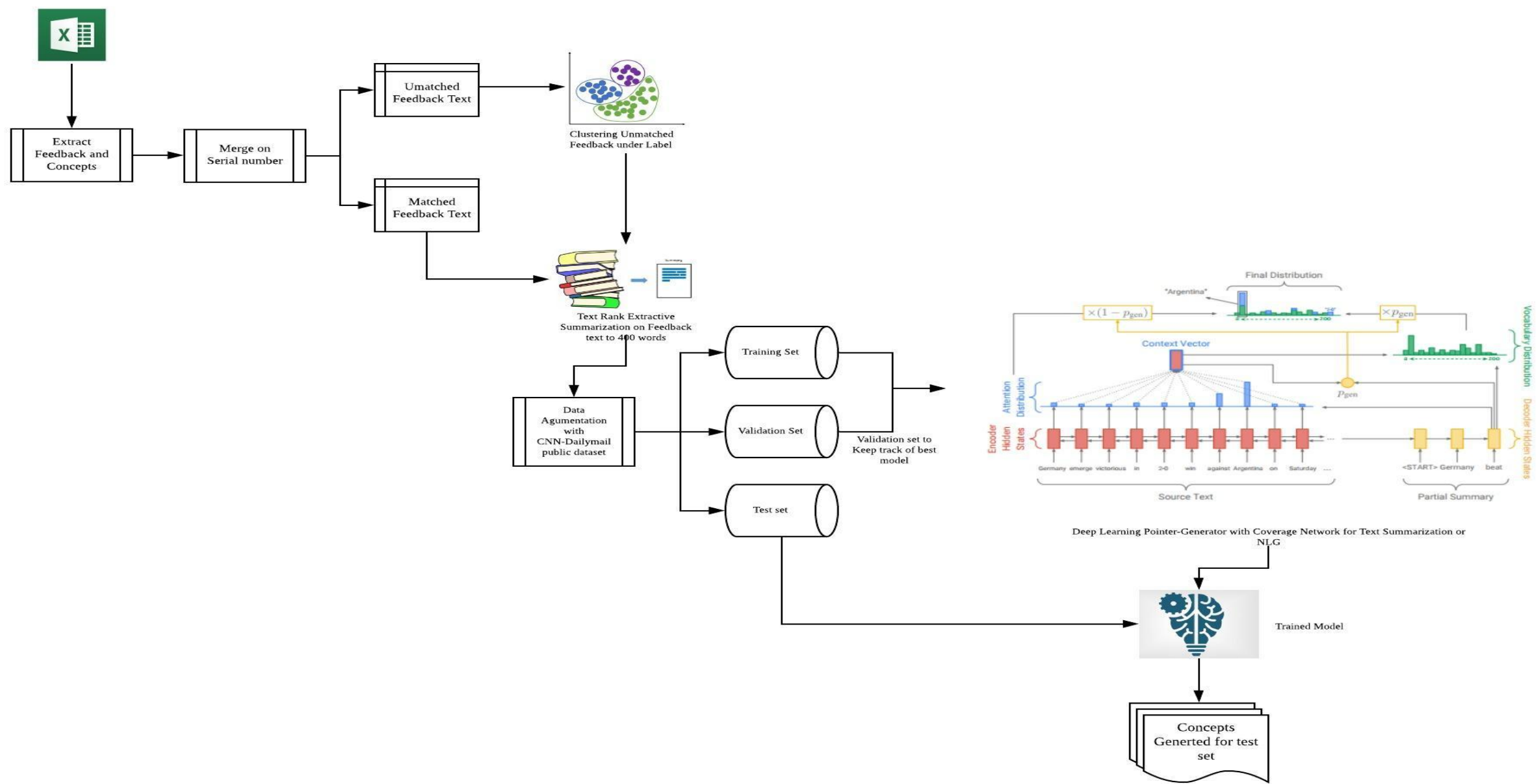


**Abstractive** approaches use natural language generation techniques to write novel sentences.

By the same analogy, these approaches are like a very smart pen.

Concept Generation Process Flow

Environment: GCP VM with 64 GB RAM, 8 vCPU and 1 Tesla P100 GPU



# Concept Generation Process Flow

