# **Infrastructure Sketch**

```
+--------------------+      +--------------------+
|  File / Raw Text Input | ---> |  Document Loader   |
+--------------------+      +--------------------+
            |                         |
            v                         v
+--------------------+      +--------------------+
|   Claim Splitter   | ----> |  Embedder    |
+--------------------+      +--------------------+
                                      |
                                      v
                            +--------------------+
                            |  FAISS Vector Store|
                            +--------------------+
                                      |
                    +--------------------+-------------------+
                    |                                        |
                    v                                        v
        +--------------------+              +--------------------+
        | Scoring Engine     |              | Incremental Updater|
        | Heuristic + Corro- |              | Corroboration /    |
        | boration Score     |              | Contradiction      |
        +--------------------+              +--------------------+
                    |                                        |
                    +--------------------+-------------------+
                                      |
                                      v
                            +--------------------+
                            |  Reporting / JSON  |
                            +--------------------+
```