**🔁 What Will Happen When You Run the Pipeline?**

1. **Lookup Metadata**  
   → Reads api\_metadata.json from ADLS
2. **ForEach Loop**  
   → Iterates over each API defined in metadata
3. **Fetch Last Load (if incremental)**  
   → Reads last\_load.json from ADLS if supportsIncremental = true
4. **Set Current Load Timestamp**  
   → Generates current UTC timestamp and stores in pipeline variable
5. **Switch Based on Auth Type**  
   → Picks one of 3 branches:
   * none → Generic API
   * bearer → Token-based API
   * queryKey → API key in URL
6. **Dynamic Copy Data**  
   → Pulls data from REST API using dynamic relativeUrl
7. **Write to Bronze Zone (Data Lake)**  
   → Dynamic path like:  
   bronze/<apiName>/YYYY/MM/DD/HHMM/data.json
8. **Update Watermark JSON**  
   → Overwrites last\_load.json in ADLS with current\_load

**✅ Before You Run:**

✔ **Check**:

* api\_metadata.json is uploaded
* last\_load.json exists (or will be created)
* Your REST APIs are accessible (test manually if unsure)
* Linked services and datasets are properly parameterized