**Project: DataFlowSync**

**Week 5 Assignment - Data Engineering**

**Tasks Completed**

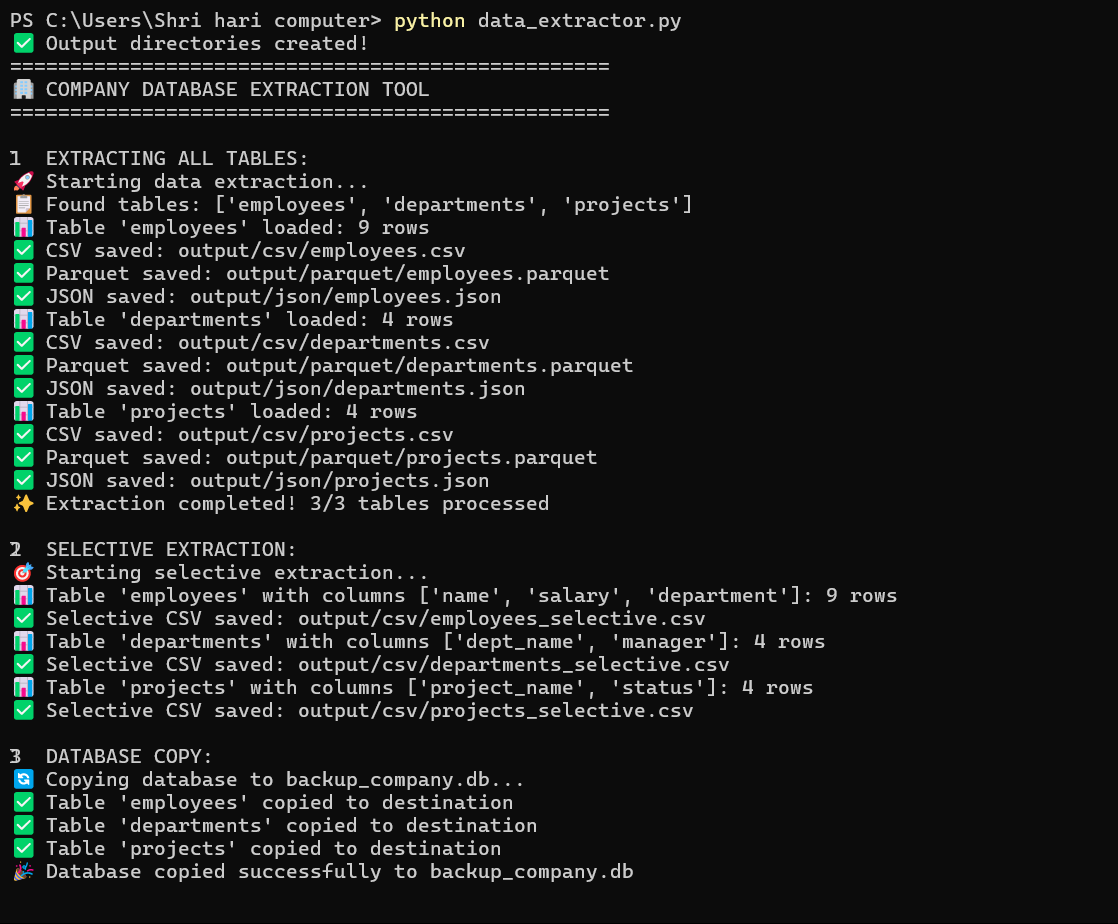
**Extracted data from SQLite database to CSV, Parquet, and JSON.**

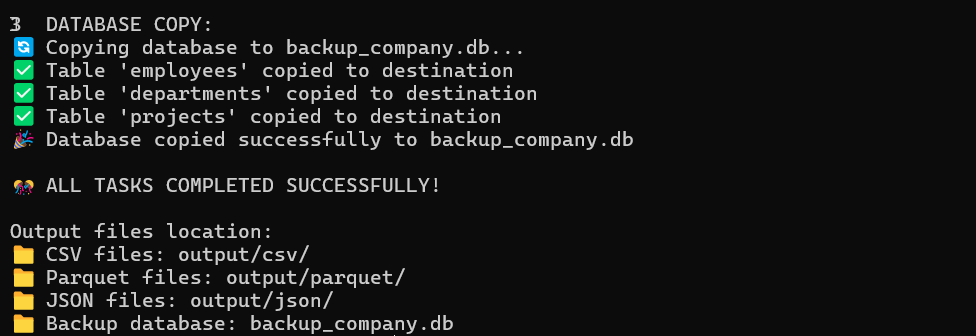
**Implemented scheduled (every 5 minutes) and event-based (database change) triggers.**

**Copied entire database to `backup\_company.db`.**

**Performed selective table/column extraction.**

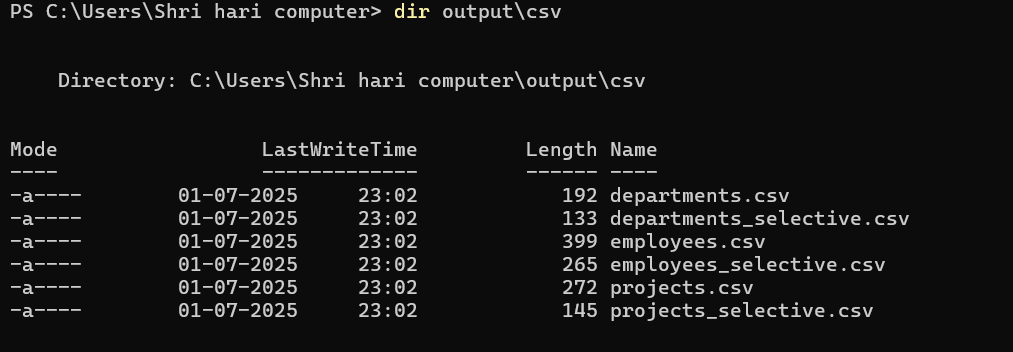
**1-python data\_extractor.py**

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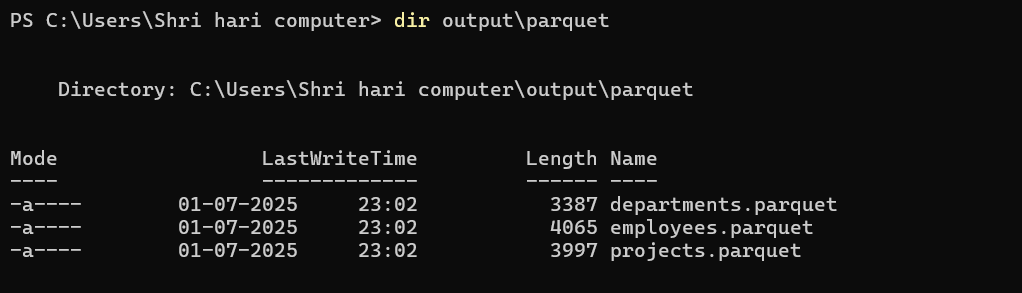
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**2-Check Generated Files:**

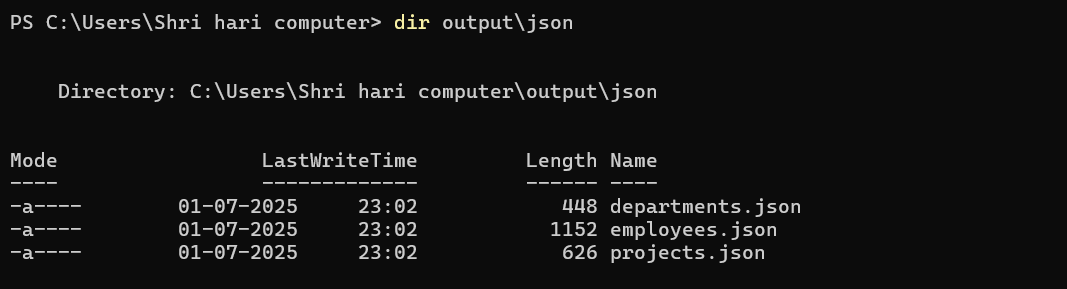
1. **dir output\csv**

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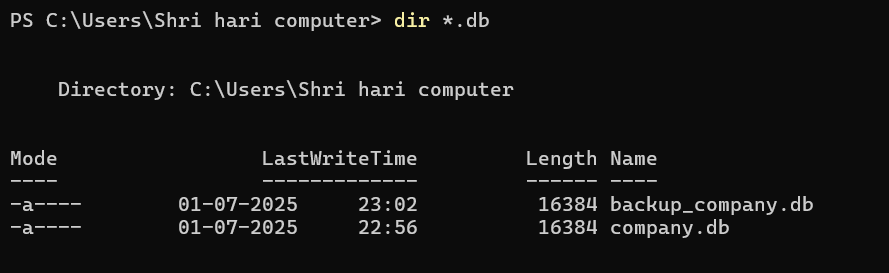
1. **dir output\parquet**

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**iii-dir output\json**

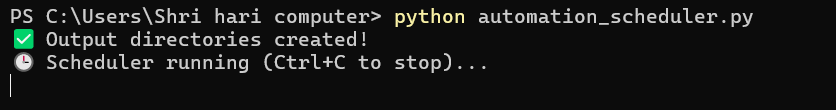
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**iv-dir \*.db**

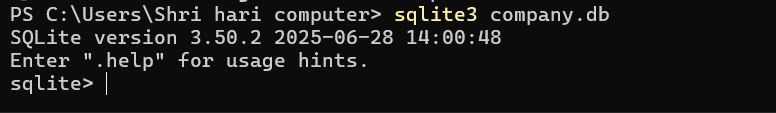
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**3-python automation\_scheduler.py**

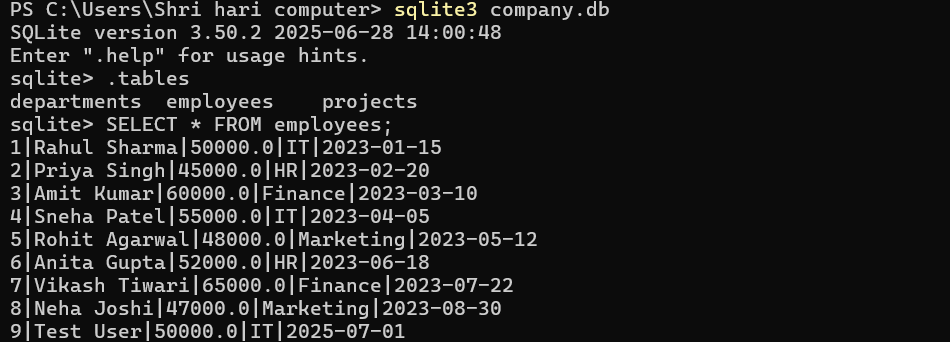
**It will run every 5 minutes and when company.db changes.**

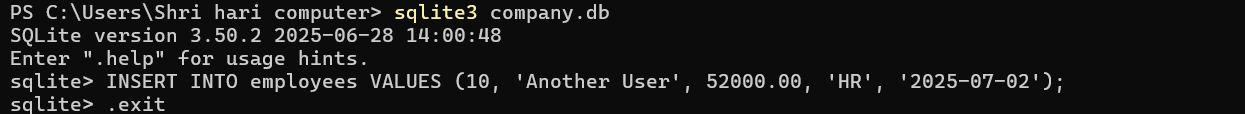
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**To test event trigger:**

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**4-SQLite Data**

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