**Genesis Pipeline Run Checklist – Windows + Docker**

1. **Start Docker Desktop**
   * Make sure it’s fully running before any commands.
2. **Verify Repository State**
   * If unsure about local changes:

bash

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git reset --hard

git pull

1. **Ensure Required Data Files Exist**
   * For Mexico (COUNTRY=mx), confirm data/raw/mx/mexico-latest.osm.pbf exists.
   * If missing, download from **Geofabrik → North America → Mexico** and place in data/raw/mx/.
2. **Environment Variables**
   * Ensure ORS\_API\_KEY is set in **System Environment Variables** (not just .env).
     + Check in CMD:

bash

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echo %ORS\_API\_KEY%

1. **Run Pipeline for One Country**
   * Use:

bash

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docker compose run --env COUNTRY=mx genesis

* + This avoids .env not found issues.

1. **If You See "Orphan Containers" Warnings**
   * Clean up before re-running:

bash

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docker compose down --remove-orphans --volumes

1. **Output Locations**
   * Processed CSV → data/processed/mx.csv
   * Temporary files (e.g., stops\_truck\_only.csv, booking\_requests\_mx.csv) → tmp/mx/...
2. **If Pipeline Fails Midway**
   * Check logs for missing files or API key errors.
   * Re-run after fixing the specific file or variable.