Perfect — now you’ve successfully parsed haltestellen\_2025.csv with **18 clean columns** and confirmed that it contains detailed trip-stop metadata. Here's a quick recap and what's next:

**✅ Summary of haltestellen\_2025.csv**

* **Rows:** 7,725,356
* **Columns:** 18
* **Primary keys of interest:**
  + BPUIC: 7-digit stop code (useful for GTFS/rail mapping)
  + BP\_BEZEICHNUNG: stop name
  + SLOID: Swiss location ID (same format as in other datasets)
  + VM\_ART: mode of transport (e.g., ZUG, B, TRAM, FUN)
  + AB\_ZEIT\_KB / AN\_ZEIT\_KB: scheduled departure/arrival
  + LINIE: line identifier
  + BP\_ID: potentially a local stop ID (not same as GTFS)

**🔍 Next Suggestions**

Would you like to:

1. **Cross-check how many of these BPUIC or SLOID match** with your GTFS stop\_ids or your SUMO stop-node mappings?
2. Extract a **lightweight table** like: BPUIC, BP\_BEZEICHNUNG, SLOID, KANTON, VM\_ART, and save it for reference?
3. Filter for **rail-only rows** (e.g., where VM\_ART == "ZUG" or in ["ZUG", "SBAHN", "IC", "IR"])?

Let me know which path you want to take.