

The TPC-C Benchmarks

Cloud Databases

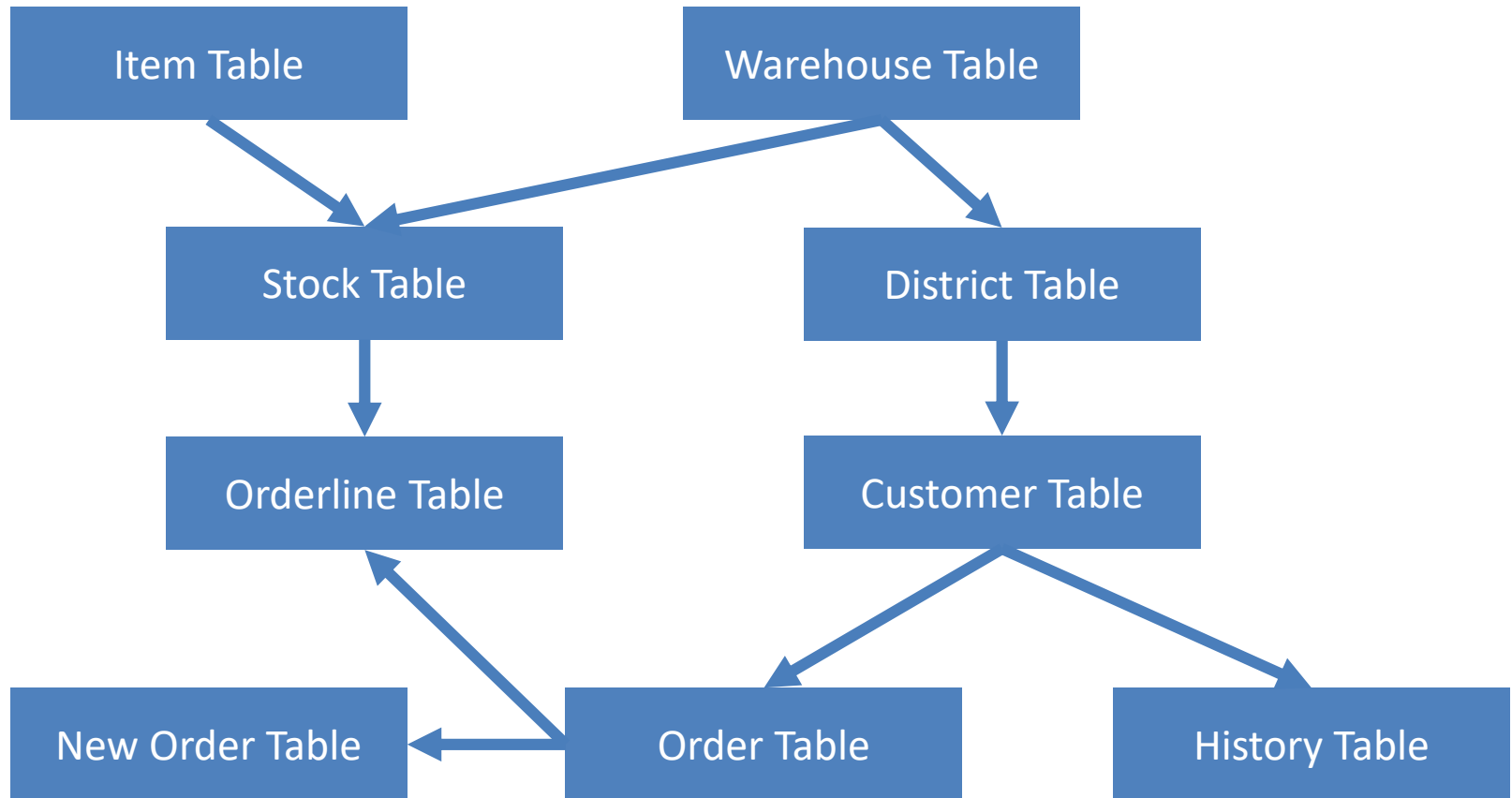
DataLab

CS, NTHU

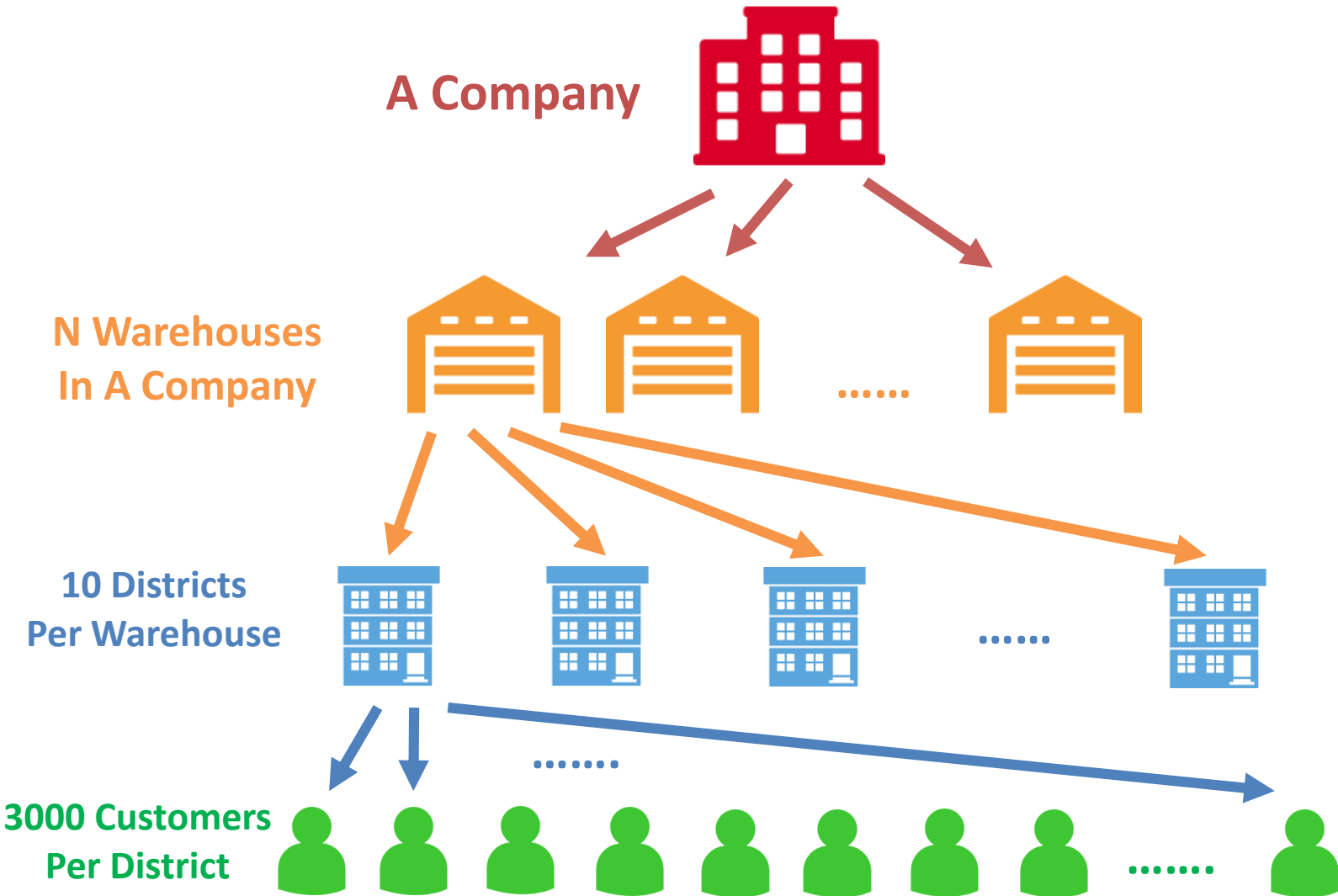
The TPC-C Benchmark

- The TPC-C benchmark is a industry-standard benchmark purposed by TPC (Transaction Processing Council)
 - There are also TPC-A, TPC-B, TPC-E, TPC-H
- The TPC-C is designed to benchmark DBMS under a **OLTP** workload
- It models a warehouse management system
 - Almost all records are related to a warehouse record
 - It is a easy-to-partition workload

Database Architecture



Warehouses



Orders

A Customer



A New Order



An Order



An Orderline

An Orderline

An Orderline

An Orderline