Build your own Database

Week 8
Agenda

- Topic Assignments
- Logistics
- ILIW
- Repo Differences
- First Meeting for Group Project
Topic Assignments

- Group 1 (AH, AS, LW): Self-Driving
- Group 2 (LB, SD, RS): Networking
- Group 3 (BF, MJ, TS): Data Types
- Group 4 (DH, PO, JW): Subqueries
- Group 5 (AP, DS, ST): Pruning
- Group 6 (JB, JN, FW): Joins
- Group 7 (JC, NH, FM): Partitioning
- Group 8 (FD, MF, TF): Optimizer Rules
*) For Sprint 3, we do not expect you to refactor your code
Date of Final Presentation

- Instruction ends on 07. February
- We would like to have the end presentation on that day, but ~11 minutes per group is not enough
- Three options
  - Super Wednesday (07.02., 09:15 – 12:30)
  - Find a second slot in that week
  - Take the Wednesday before (our least favorite)
I Like, I Wish
Repo Differences

```cpp
TableScan(const std::shared_ptr<const AbstractOperator> in,
const ColumnID left_column_id, const ScanType scan_type,
const AllParameterVariant right_parameter);
```

```cpp
template <class Base, template <typename...> class Impl, class... Temp
std::unique_ptr<Base> make_unique_by_data_type
(DataType data_type, ConstructorArgs&&... args) {
```

```cpp
// creates a table
// the parameter specifies the maximum chunk size, i.e., partition size
explicit Table(const uint32_t max_chunk_size = Chunk::MAX_SIZE);
```
Logistics (Part two)

• Please open PRs from early on
  – Early Feedback
  – Fewer Conflicts
  – Less Blocks

• The initial review will be done by the other group