## **Modelagem Conceitual (Desafio Dotz)**

Breno Dias | October 2, 2020

| price_quote        |         |               |    |
|--------------------|---------|---------------|----|
| tube_assembly_id   | STRING  |               | tı |
| supplier           | STRING  |               |    |
| quote_date         | DATE    |               |    |
| annual_usage       | INTEGER |               |    |
| min_order_quantity | INTEGER |               |    |
| bracket_pricing    | BOOLEAN |               | ,  |
| quantity           | INTEGER |               |    |
| cost               | FLOAT   | $\rightarrow$ | ,  |
|                    |         |               |    |
|                    |         |               |    |

| bill_of_materials |        |  |
|-------------------|--------|--|
| tube_assembly_id  | STRING |  |
| component_id_1    | STRING |  |
| quantity_1        | INT    |  |
| component_id_2    | STRING |  |
| quantity_2        | INT    |  |
| component_id_3    | STRING |  |
| quantity_3        | INT    |  |
| component_id_4    | STRING |  |
| quantity_4        | INT    |  |
| component_id_5    | STRING |  |
| quantity_5        | INT    |  |
| component_id_6    | STRING |  |
| quantity_6        | INT    |  |
| component_id_7    | STRING |  |
| quantity_7        | INT    |  |
| component_id_8    | STRING |  |
| quantity_8        | INT    |  |

|   | comp_boss          |        |  |
|---|--------------------|--------|--|
|   | component_id       | STRING |  |
|   | component_type_id  | STRING |  |
|   | type               | STRING |  |
|   | connection_type_id | STRING |  |
|   | outside_shape      | STRING |  |
| _ | base_type          | STRING |  |
|   | height_over_tube   | FLOAT  |  |
|   | bolt_pattern_long  | FLOAT  |  |
|   | bolt_pattern_wide  | FLOAT  |  |
|   | groove             | STRING |  |
|   | base_diameter      | FLOAT  |  |
|   | shoulder_diameter  | FLOAT  |  |
|   | unique_feature     | STRING |  |
|   | orientation        | STRING |  |
|   | weight             | FLOAT  |  |