

employee(id, department, name)
PK id

customer representative(employee_id)
PK employee_id
FK employee_id REFERENCES employee(id)

storekeeper(employee_id)
PK employee_id
FK employee_id REFERENCES employee(id)

production planner(employee_id)
PK employee_id
FK employee_id REFERENCES employee(id)

production plan(id, month, planner_id)
PK id
FK planner_id REFERENCES production planner(employee_id)

production skis(ski_type_id, daily amount, production_plan_id)
PK ski_type_id, production_plan_id
FK ski_type_id REFERENCES ski type(id)
FK production_plan_id REFERENCES production plan(id)

order skis(ski_type_id, quantity, order_number)
PK ski_type_id, order_number
FK ski_type_id REFERENCES ski_type(id)
FK order_number REFERENCES order(order_number)

ski(production_id, available, order_no, ski_type_id)
PK production_id
FK order_no REFERENCES order(order_no)
FK ski_type_id REFERENCES ski type(id)

shipments(shipment_number, store name, shipping address, scheduled pickup date, status, driver id, transporter company_id,)
PK shipment number
FK transporter company_id REFERENCES transporter(company_id)

transporter(company_id, company name)

PK company_id

order(order_number, total_price, state, reference to larger order, shipment_number, customer_id)

PK order_number

FK customer_id REFERENCES customer(id)

FK shipment_number REFERENCES shipments(shipment_number)

FK reference_to_larger_order REFERENCES order(order_number)

ski_type(id, model, type, temperature, grip_system, size, weight_class, description, historical,
url, MSRP, manufacturer_id)

PK id

FK manufacturer_id REFERENCES manufacturer(id)

customer(ID, name, start_date, end_date)

PK id

Franchise(shipping_address, negotiated_buying_price, partner_stores, customer_id)

PK customer_id

FK customer_id REFERENCES customer(id)

Team_skier(dob, club, number_of_skies_pr_year, customer_id)

PK customer_id

FK customer_id REFERENCES customer(id)

Individual_store(shipping_address, negotiated_buying_price, customer_id)

PK customer_id

FK customer_id REFERENCES customer(id)