Logical Database Design

skiType(id, type, model, temperature, gripSystem, TypeOfSkiing, description, historical, msrp)
PRIMARY KEY id

order(number, totalPrice, state, customer_id, shipment_number, storekeeper_number, customer_rep_number)
PRIMARY KEY number
FOREIGN KEY customer_id REFERENCES customer(id)
FOREIGN KEY shipment_number REFERENCES shipment(number)
FOREIGN KEY storekeeper_number REFERENCES storekeeper(number)
FOREIGN KEY customer_rep_number REFERENCES customer_rep(number)

orderItems(order_number, ski_pnr)
PRIMARY KEY order_number, ski_pnr
FOREIGN KEY order_number REFERENCES order(number)
FOREIGN KEY ski_pnr REFERENCES ski(pnr)

ski(pnr, size, weightClass, productionDate, ski_type_id, **storekeeper_number**)
PRIMARY KEY pnr
FOREIGN KEY order_number REFERENCES order(number)
FOREIGN KEY ski_type_id REFERENCES ski_type(id)
FOREIGN KEY storekeeper_number REFERENCES storekeeper(number)

shipment(number, store_name, shipping_address, pickup_date, state, transport_company, driver_id, order_number, transporter_company_name)
Primary Key number
Foreign Key order_number REFERENCES order(number)
Foreign Key transporter_company_name REFERENCES transporter(company_name)

customer(id, contractStart, contractEnd)
PRIMARY KEY id

franchise(customer_id, name, address, price)
PRIMARY KEY customer_id
FOREIGN KEY customer_id REFERENCES customer(id)

store(customer_id, name, address, price)
PRIMARY KEY customer_id
FOREIGN KEY customer_id REFERENCES customer(id)
athlete(customer_id, firstName, lastName, dob, club, annual_quant)
PRIMARY KEY customer_id

FOREIGN KEY customer_id REFERENCES customer(id)

productionPlan(period, production_planer_number)
PRIMARY KEY period
FOREIGN KEY production_planer_number REFERENCES production_planer(number)

productionPlanSkis(production_plan_period, ski_pnr, quantity)
PRIMARY KEY production_plan_period, ski_pnr
FOREIGN KEY production_plan_period REFERENCES production_plan(period)
FOREIGN KEY ski_pnr REFERENCES ski(pnr)

production_planer(number, name)
Primary Key number

storekeeper(number, name)
Primary Key number

customer_rep(number, name)
Primary Key number