Modelo Entidade-Relacionamento (MER)

Entidades
- fact_transactions
- dim_client
- dim_time
- dim_cards
- dim_merchant

Atributos
- fact_transactions(sk_transaction, amount, use_chip, errors, is_fraud)
- dim_client(sk_client, gender, current_age, birth_year, birth_month, per_capita_income, yearly_income, total_debt, credit_score)
- dim_time(sk_time, date, year, quarter, month, day)
- dim_cards(sk_card, card_brand, card_type, has_chip, credit_limit, acct_open_date, card_on_dark_web, num_cards_issued)
- dim_merchant(sk_merchant, merchant_city, merchant_state, zip, mcc_code, mcc_description)

Relacionamentos

- fact_transactions N:1 dim_client
- fact_transactions N:1 dim_time
- fact_transactions N:1 dim_cards
- fact_transactions N:1 dim_merchant

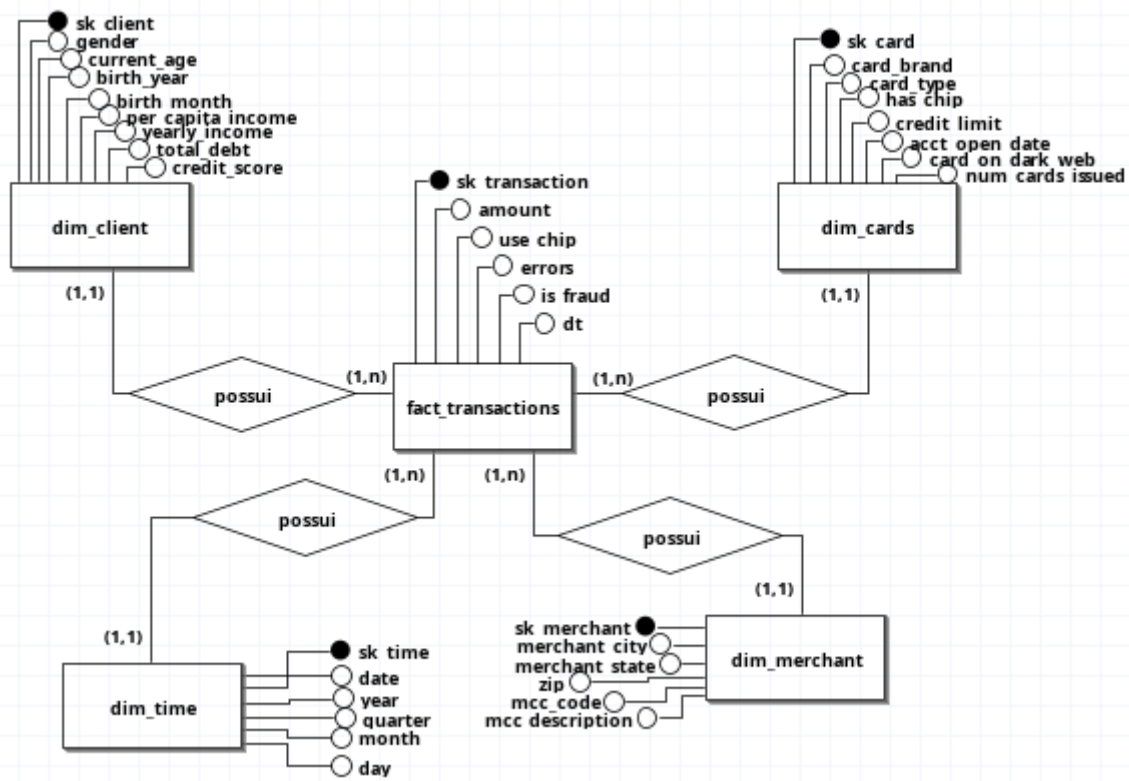# Diagrama Entidade-Relacionamento (MER)

Diagrama Lógico de Dados (DLD)

dim_client
- 🔑 sk_client
- gender
- current_age
- birth_year
- birth_month
- per_capita_income
- yearly_income
- total_debt
- credit_score

dim_cards
- 🔑 sk_card
- card_brand
- card_type
- has_chip
- credit_limit
- acct_open_date
- card_on_dark_web
- num_cards_issued

fact_transactions
- 🔑 sk_transaction
- amount
- use_chip
- errors
- is_fraud
- 🔑 fk_dim_client_sk_client
- 🔑 fk_dim_cards_sk_card
- 🔑 fk_dim_time_sk_time
- 🔑 fk_dim_merchant_sk_mer

dim_time
- 🔑 sk_time
- date
- year
- quarter
- month
- day

dim_merchant
- 🔑 sk_merchant
- merchant_city
- merchant_state
- zip
- mcc_code
- mcc_description

(1,1) (1,n) (1,1) (1,n) (1,n) (1,n) (1,1)