**ER-Model**

**Group: Carpe Data**

**BoutiqueCoffee Database – Phase #1**

STORE(store\_ID, name, store\_type, gps\_Long, gps\_Lat)

COFFEE(coffee\_ID, name, description, country\_of\_origin, intensity, price, reward\_points, redeem\_points)

CUSTOMER(customer\_ID, first, last, middle\_initial, day\_of\_birth, month, phone\_number, phone\_type, points\_earned, loyalty\_level)

SALE(sale\_ID, customer\_ID, store\_ID, coffee\_ID, quantity, purchase\_time, purchase\_portion, redeem\_portion)

FK(customer\_ID) 🡪 CUSTOMER(customer\_ID)

FK(store\_ID) 🡪 STORE(store\_ID)

FK(coffee\_ID) 🡪 COFFEE(coffee\_ID)

LOYALTY\_PROGRAM(level\_ID, level\_name, booster\_factor)

FK(level\_ID) 🡪 CUSTOMER(loyalty\_level)

PROMOTION(promotion\_ID, name, start\_date, end\_date)

PROMOTES(promotion\_ID, coffee\_ID, store\_ID)

FK(promotion\_ID) 🡪 PROMOTION(promotion\_ID)

FK(coffee\_ID) 🡪 COFFEE(coffee\_ID)

FK(store\_ID) 🡪 STORE(store\_ID)