Table DimCurrency{

  currency VARCHAR(60)

  symbol VARCHAR(5)

  currenc\_abbr VARCHAR(10)

  currency\_id\_nk\_pk INTEGER

  Indexes {

    (currency\_id\_nk\_pk) [pk]

  }

}

Table DimLocation{

  location\_number int

  country\_region VARCHAR(50)

  location\_region VARCHAR(100)

  location\_id\_nk INTEGER

  loc\_id\_sk\_pk INTEGER

  Indexes {

    (loc\_id\_sk\_pk) [pk]

  }

}

Table DimDate{

   date\_id\_nk\_pk INTEGER

   day INTEGER

   day\_of\_week\_no INTEGER

   day\_of\_week VARCHAR(10)

   day\_of\_year INTEGER

   week\_no INTEGER

   month\_no INTEGER

   month  VARCHAR(10)

   quarter\_no INTEGER

   quarter VARCHAR(10)

   year INTEGER

   mon VARCHAR(10)

 Indexes {

    (date\_id\_nk\_pk) [pk]

  }

}

Table DimVendor{

  vendor\_city VARCHAR(100)

  vendor\_state VARCHAR(50)

  vendor\_postal\_code INTEGER

  vendor\_country\_region VARCHAR(50)

  vendor\_id\_nk INTEGER

  total\_spend FLOAT(20)

  tier INTEGER

  vendor\_name VARCHAR(100)

  vend\_id\_sk\_pk INTEGER

  Indexes {

    (vend\_id\_sk\_pk) [pk]

  }

}

Table DimItem {

  commodity VARCHAR(100)

  item\_id\_nk INTEGER

  sub\_category VARCHAR(100)

  category VARCHAR(100)

  item VARCHAR(150)

  commodity\_detail  VARCHAR(100)

  itm\_id\_sk\_pk INTEGER

  Indexes {

    (itm\_id\_sk\_pk) [pk]

  }

}

Table Fact\_Invoice{

  invoice\_id int

  invoice\_date\_id int

  itm\_id\_sk\_fk int

  line\_item int

  line\_item\_quantity int

  unit\_price\_loc float(20)

  invoice\_loc\_amount float(20)

  date\_currency\_id\_fk int

  invoce\_amount float(20)

  currency\_id INTEGER

  savings float(20)

  vend\_id\_sk\_fk int

  loc\_id\_sk\_fk int

  discount\_days int

  discount\_percent float(10)

  payment\_terms\_days int

  fact\_invoice\_id\_sk\_pk integer

  Indexes {

    (fact\_invoice\_id\_sk\_pk) [pk]

  }

}

Table DimExchangeRate{

  date\_id\_nk\_fk int

  currency\_id\_nk\_fk int

  exchange\_rate float(20)

  date\_currency\_id\_nk\_pk int

  Indexes {

    (date\_currency\_id\_nk\_pk) [pk]

  }

}

Ref: Fact\_Invoice.vend\_id\_sk\_fk  > DimVendor.vend\_id\_sk\_pk // many-to-one

Ref: Fact\_Invoice.loc\_id\_sk\_fk  > DimLocation.loc\_id\_sk\_pk // many-to-one

Ref: Fact\_Invoice.date\_currency\_id\_fk > DimExchangeRate.date\_currency\_id\_nk\_pk // many-to-one

Ref: Fact\_Invoice.itm\_id\_sk\_fk  > DimItem.itm\_id\_sk\_pk // many-to-one

//Ref: DimExchangeRate.currency\_id  > DimCurrency.currency\_id // inactive

//Ref: DimExchangeRate.date\_id  > DimDate.date\_id // inactive

Ref: Fact\_Invoice.invoice\_date\_id  > DimDate.date\_id\_nk\_pk // many-to-one

Ref: Fact\_Invoice.currency\_id  > DimCurrency.currency\_id\_nk\_pk // many-to-one