



From Customer Information (pink color), I extract the Customer and CustomerAddress tables. Relation, alias and image don't seem to be that important. Also, I use CustSSN as a key, so I don't need to complicate the matter with a composite key.

CustomerAddress complements the Customer Information in case the person has multiple address.

From Claims (Green color), I extract the Claim table. I include a lot of attributes not in the original table.

CustSSN as a foreign key to identify the customer.

ClaimAmount refers to the undiscounted claim amount by the HealthProviderInstitution.

InsuranceDiscountedActualAmount refers to insurance company's renegotiated payment to the healthprovider.

InsurancePaid refers to the amount of money paid by insurance company to the HealthProviderInstitution.

The rest becomes MembersResponsibility in dollar.

SettlementDueDate: The due date for the payment.

DateReceived: The date when the payment is received.

ProcessedDate: The date when the claim is processed and closed.

Payment (from Brown Color)

InvoiceNumber is key.

MemberResponsibility highlights how much the patient should pay.

BankAccountNumber, DueDate and PaidDate are self-explanatory.

ProductPlan is derived from the RateBook section(Purple)

LineOfBusiness refers to the category of the insurance: fire, commercial, personal or etc..

Benefit: a brief summary of the benefit.

AnnulPremiumQuote refers to the total price of the plan.

RateBookLocationCode refers to the URL to the PDF of the ratebook.

GroupAccount is derived from the Group Master section (Blue)

It's quite self-explanatory.

It captures the basic info for the company or group that purchases the plan.