**ER-Diagram**

A diagram of a data flow

Description automatically generated

**1. Dim\_Fact has foreign keys to Dim\_Area, Dim\_Age\_Group, Dim\_User\_Type, Dim\_Substance.**

This indicates:

1. **(a)Many to many relationship exists among all the Dimension tables like:**

* Dim\_Area & Dim\_Age\_Group
* Dim\_User\_Type & Dim\_Substance
* Dim\_Area & Dim\_Substance
* Dim\_User\_Type & Dim\_Area
* Dim\_Age\_Group & Dim\_User\_Type

**(b) One to many relationship between:**

* Drug\_Usage\_Fact & Dim\_Area
* Drug\_Usage\_Fact & Dim\_Age\_Group
* Drug\_Usage\_Fact & Dim\_User\_Type

Drug\_Usage\_Fact & Dim\_Substance