LOW-LEVEL DESIGN DOCUMENT

**HEALTH INSURANCE DATA ANALYSIS AND REPORTING USING POWER BI**

**Created Date: 23/03/2023.**

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1.Loading csv file into SQL Server Database

Graphical user interface, application

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Graphical user interface

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Graphical user interface, text, application, email

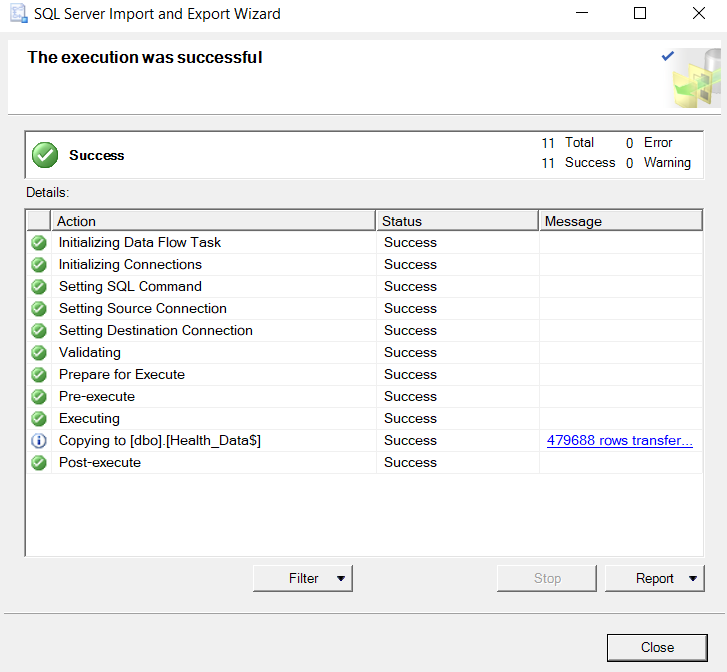
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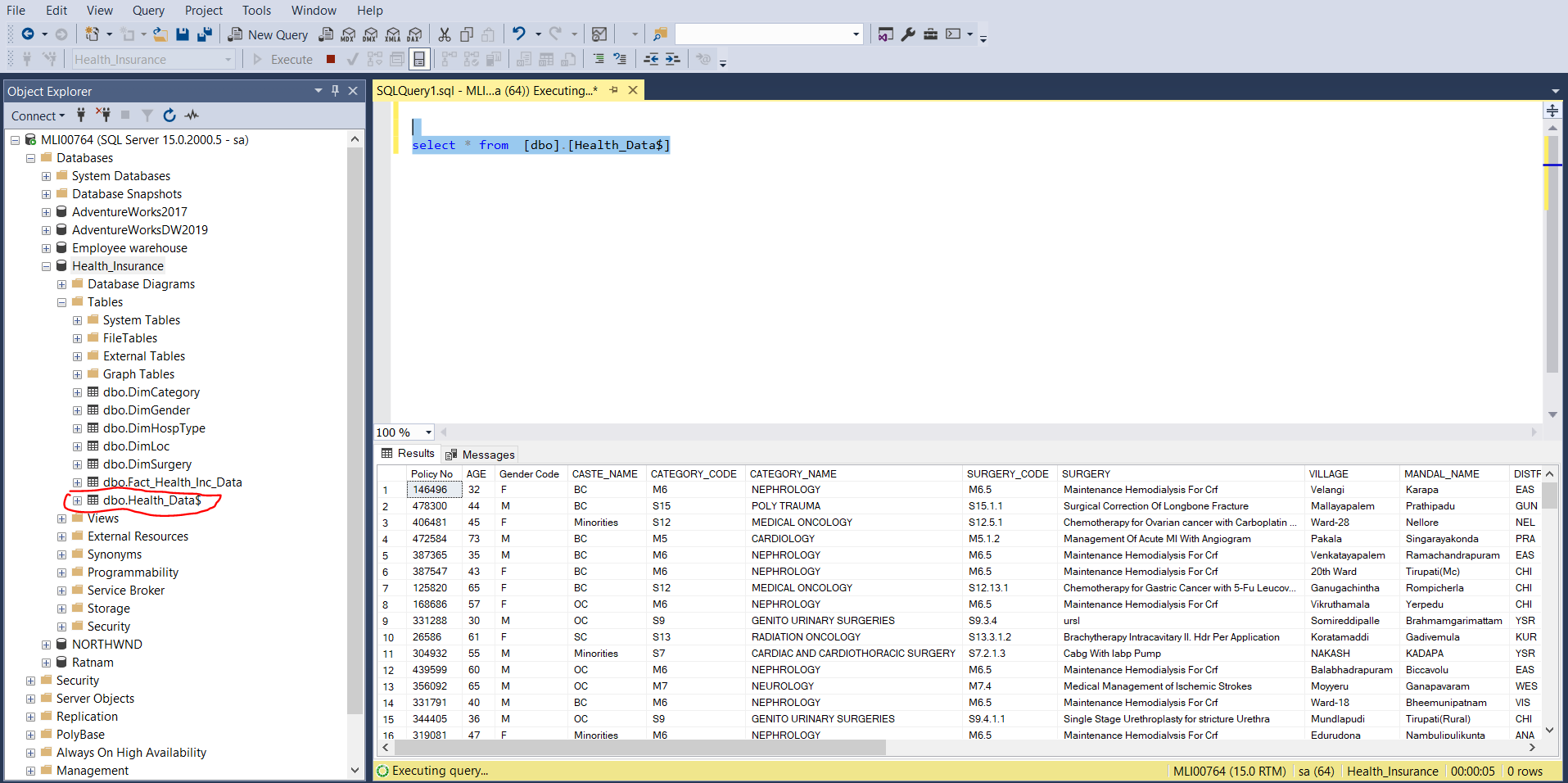
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2. Created dimension tables using fact table

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3. SQL Database Connection to Power BI Desktop

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4. Importing data from  SQL Server Database to Power BI Desktop

Graphical user interface, application

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5.Dimesion tables & Fact tables In power BI desktop

Table

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6. Create a relationship between dimension tables and fact tables in model view

Diagram

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6. Creating reports based on the requirement

Use cases:

Health Insurance is looking to integrate raw data in to MSSQL Server Database to generate data driven reports .

* Analyzing Hospital level wise Total policy Information
* Identifying different Surgeries and amount spent on surgeries.
* Gender wise analysis in health insurance policies
* Location wise and category wise policy and amount information

Hospital wise total policy report

Graphical user interface

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Surgery wise report:

Graphical user interface, application

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Gender wise report:

Graphical user interface, application

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Location wise report:

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Category wise report:

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