1. Task 1
   1. Data analysis sheet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fact | Sales line items | | | |
| Measurements | Sales Price per unit, Number of sales | | | |
| Dimensions | grain | hierarchies | | |
| Sales Unit |  |  |  |
|  |  |  |  |
| Store |  |  |  |
|  | Region |  |  |
|  |  | State |  |
|  |  |  |  |
| customer |  |  |  |
|  |  |  |  |
| Hour |  |  |  |
|  | Day |  |  |
|  |  | Month |  |
|  |  |  |  | Year |

* 1. Snowflake Schema
     1. Diagram

        Description automatically generated

1. Task 2
   1. Star Schema

Diagram

Description automatically generated

1. Task 3
   1. Pivot Table:

A screenshot of a computer

Description automatically generated

* 1. Line Graph:

Graphical user interface, chart, line chart

Description automatically generated

* 1. Filtered Table:

A screenshot of a computer

Description automatically generated

d. Pie Chart:

Graphical user interface, chart, application, pie chart

Description automatically generated