Process Book

Energy Consumption Visualization

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1. Introduction
2. Data  
   Below is the Data for World Energy Demand in 2014 that include the energy demand for 3 sectors including services sector, residential sector, and agriculture sector

Graphical user interface, application, table

Description automatically generated

Figure 1.1 Data for World Energy Demand in 2014 ([Energy Technology Perspectives 2017 - Data product - IEA](https://www.iea.org/data-and-statistics/data-product/energy-technology-perspectives-2017-2))

The table mentioned in figure 1.1 show the demand of Energy worldwide in 2014. It consist of the following attributes.

|  |  |  |
| --- | --- | --- |
| Attributes | Note | Type |
| Name | This attribute will let us know about what type of energy we will consider in the data (Oil, Coal, Heat, etc.) | Nominal |
| Services Sector | The Energy demand for services sector in Pj (Pentajoule) | Ratio |
| Residential Sector | The Energy demand for residential sector in Pj (Pentajoule) | Ratio |
| Agriculture Sector | The Energy demand for agriculture sector in Pj (Pentajoule) | Ratio |