Exercise 1: electric company

An electric company has several plants in various cities. Each plant has a different name and may have one or more reactors. Each reactor has a model, a manufacturer and should use a specific type of fuel (carbon, oil,...). Each type of fuel has a different cost per Kg. Every day are collected the following informations about each reactor: fuel consuption and KW/h produced.

Exercise 2: internet service provider

An internet service provider (ISP) wants to collect informations about the revenues obtained from advertising. For each page of the web portal, identified by an URL, are collected a set of daily informations:

- page views (number of page visualizations);
- impressions (number of times that a banner is displayed on a page)

Page views count is stored on a “per IP” basis. Each banner refers to a brand, has its own size (height x width, in pixels) and generates a different revenue for each impression.

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