ABSTRACT

WORKLOAD AUTOMATION AND DATA LINEAGE ANALYSIS

Methods, systems, and apparatus, including computer programs encoded on computer storage media, for workload automation and job scheduling information. One of the methods includes obtaining job dependency information, the job dependency information specifying an order of execution of a plurality of jobs. The method also includes obtaining data lineage information that identifies dependency relationships between data stores and transformation, wherein at least one transformation accepts data from a first data store and produces data for a second data store. The method also includes creating links between the job dependency information and the data lineage information. The method also includes determining an impact of a change in a planned execution of an application of the plurality of applications based on the job dependency information, the created links, and the data lineage information.

Figure 1