The Manufacturing Dataset (Still need to come up with a good name for it, not just manufacturing dataset)

Introduction

Factory Description

Describe the factory briefly and provide diagrams. Areas covered:

* Description of the factory
* Description of each product line and machine setup labels.

Machine operations,

* Describe how the machines work.
* Discuss about how power, variable frequency controller, filling and cork machineries, programmable logic controllers ensure the smooth operations of the machineries.
* Discuss the type of data collected from the machines, where they are stored and how they are stored.

Expectations from anyone using the dataset:

Perform ETL and create orchestrated data pipeline from the data source to a destination database for analytics.

Create production progress dashboard that refreshes every 1 hour.