conducting the interview in this research is maintained by using the question guidelines.

3.5   Data Analysis Method

Data analysis is a systematic process of transcribing interview, field notes and other materials that have been collected to improve understanding (Emzir, 2010). The data analysis process in this research is the process of systematically searching and compiling data obtained from the interview, observation and documentation to redesign production planning, scheduling and production operation of Avadisia Berdiri Teguh. The following are the steps involved in the analysis process in this research:

1. Compiling the data from interview, observation and documentation.

2. Classifying those data whether it is related to planning and scheduling, production operation, or many more. This process is referred as coding. Coding refers to labeling and systematizing the data (Tracy, 2013).

3. Merging the data from interview, observation and documentation with the literature review.

4. Processing those data so Avadisia Berdiri Teguh knows at which points this company needs to refine its planning, scheduling and production process.

5. Redesigning the production planning, scheduling and production operation of Avadisia Berdiri Teguh. The new design of those production activities is in the flowchart form.