Analyzing and assessing scientific and technological literature to explore and measure the impact and trend of the national research is considered to be primary step of conducting research. Using data mining methods to assess academic output can visual the trend by showing charts, graphs, maps, and pictographs. As a result, STKS use this approach to analyze the literature, and repackages and calls it Knowledge Mapping and Patent Mapping. That could support and provide funders, researchers solid information to make a decision or conduct research.