This thesis deals with the problem of generating coherent and well-formed sentences from structured data. The goal of the thesis is to create a tool which could make generating brief descriptions of electronics based on parameters in the form of structured data easier. The tool can be useful for e.g. e-shops with such electronics. The first part of the thesis introduces possible solutions to this problem. The thesis next describes data needed for solving the problem, including the ways of acquiring such data and structure of the data. Two selected solutions are then described including their implementation. The thesis then examines the advantages and disadvantages of the selected solutions and evaluates texts generated by the created tool.