

This thesis deals with the issue of seasonal adjustment of economic time series and their subsequent predictions. In the theoretical part we define the time series and its properties and describe the individual methods we will use: simple approaches, modeling using a qualitative variable, Holt-Winters method, Schlicht method and ETS methods. In the practical part we apply the presented methods to real economic time series. We will discuss the advantages and disadvantages of using the method and also look at the behavior of the error component. Subsequently, we will compare them according to the ability to predict the subsequent development of a given time series.