

ABSTRACT

Thesis: 123s, 12 figures, 6 tables, 27 sources, 2 annexes

The paper investigates the construction of an information and analytical system for the training of specialists in online IT testing. Theoretical information on tasks of information-analytical systems, algorithms and methods of modeling and forecasting of financial and economic indicators is given. The work of the information-analytical system is analyzed, a software application is developed that implements its work. The obtained results are analyzed and conclusions drawn.

Object of research: Information and analytical systems.

Subject of research: Information and analytical system for training specialists in online IT testing.

Purpose: The work is devoted to the actual topics of application of information and analytical system for the possibility of collecting, monitoring, analyzing and forecasting of the main financial and economic indicators.

Research methods and equipment: The construction of the system is carried out using the R language and the Couchbase Server database.

Results and their novelty: The work of the system, the results of analyzed and generated reports are investigated.

Area of use: Online training service for training IT specialists.

INFORMATION AND ANALYTICAL SYSTEM, DATA BASED CONTROL SYSTEMS, TREND PROCESSES, BOX-JENKINS METHOD