

## Supervisor assessment of Master's Thesis

**Student:** Sabovčík František, Bc.  
**Title:** Data Mining in Small Business (id 20931)  
**Supervisor:** Zendulka Jaroslav, doc. Ing., CSc., UIFS FIT VUT

### 1. Assignment comments

The assignment of the thesis was quite demanding, partly because there is relatively little work on the use of data mining techniques in a small business, and because of the fact that even data from this area is not readily available. Bc. Sabovčík did well with both of these problems and fulfilled the assignment.

### 2. Literature usage

The student himself actively searched for the resources needed to solve his thesis. I appreciate that he also studied the mathematical background of the methods described and used in the thesis. Similarly, he was active in the acquisition of real data for experimentation.

### 3. Assignment activity, consultation, communication

During the solution, he usually worked systematically. We consulted mostly regularly. During the consultations, he showed very good orientation in the solved problems and came up with suggestions for solution of the discussed problems.

### 4. Assignment finalisation

He completed the work with some delay. We consulted a substantial part of the content, but I did not have the opportunity to read and comment on the completed work. I consider positively that Bc. Sabovčík, even at the cost of a slightly delayed delivery, completed and evaluated some more experiments going beyond the original expectations. On the other hand, the delay resulted in the absence of deeper final proofreading and, therefore, in lower quality of the thesis.

### 5. Publications, awards

There is no publication resulting from the thesis.

### 6. Total assessment

**good (C)**

Overall, I evaluate the approach to the solution and the achieved results Bc. Sabovčík positively. The breadth of investigated and tested approaches and experimentation with them is beyond the original expectation. Unfortunately, the overall impression is reduced by the lower quality of the written thesis. Therefore, I propose the evaluation of his thesis with the grade "good (C)".

In Brno 7. June 2018

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