

## **Solution**

### **Assignment 11 — 28/11/2018 – v1.0**

#### **Software Data Analytics**

Please submit this exercise by mail to [sma@list.inf.unibe.ch](mailto:sma@list.inf.unibe.ch) before 05 December 2018, 10:15am.

#### **Exercise 1: Data in SDA (6 Points)**

- What is a confusion matrix? (1pt)
- Which criteria are important when extracting the data? List two different criteria and elaborate on each. (2pts)
- Which are the three groups of software data? Elaborate on each. (3pts)

#### **Exercise 2: Process of SDA (4 Points)**

- What is a use case for software data analytics? (1pt)
- What are types of software analytics problems? Choose two and explain how they incorporate a problem in software analytics. Provide a concrete example for each. (2pts)
- What is the recommended five-step guideline for working in software data analytics? (1pt)