Part III
From Event Logs to Process Models
After providing preliminaries needed for a good understanding of the “roots” of process mining, we focus on the most challenging process mining task: discovering a process model from an event log. First, in Chap. 5 we describe the input required for process discovery. Then, Chap. 6 describes the \( \alpha \)-algorithm in detail. This rather naïve algorithm helps to understand the basics and also sets the scene for discussing the challenges related to process mining. Finally, Chap. 7 gives an overview of state-of-the-art process discovery algorithms and shows how they address the challenges identified.