



Dear MOOC Participant,

You are on an exciting journey. In this MOOC, you will learn all about the science behind process mining. With the academic process mining tool ProM you get access to the latest research in hundreds of plug-ins.

Disco is a process mining software for practitioners. It is fast and able to analyze large data sets. Process analysts can interactively explore data sets through powerful filters and from different perspectives. Through its accessible user interface Disco is suitable to be used in an interactive workshop setting with subject matter experts who are not process mining specialists themselves.

In this MOOC, we want you to be able to experience the practitioner perspective of process mining by making Disco available to you as a process mining software.

You can work with Disco in the following way:

*Download the demo version from <https://fluxicon.com/disco/>. Especially for this MOOC, we have created a set of special .fbt files that you can analyze without limitation and without needing a license for Disco (see the last page in this document for an overview of the provided data sets).*

*To complete the exercises and quizzes, the demo version of Disco is all you need. Take a look at the next page to see how it works. In addition to the data sets used for the exercises, we have also included three additional real-life data sets. This way, you can further explore and practice process mining for yourself.*

If you want to analyze some of the processes in your own company with Disco, you can contact us via [support@fluxicon.com](mailto:support@fluxicon.com) anytime.

Analyzing processes based on data opens up completely new possibilities. You will be amazed about how it will transform your thinking. Enjoy the MOOC!

Your friends from Fluxicon

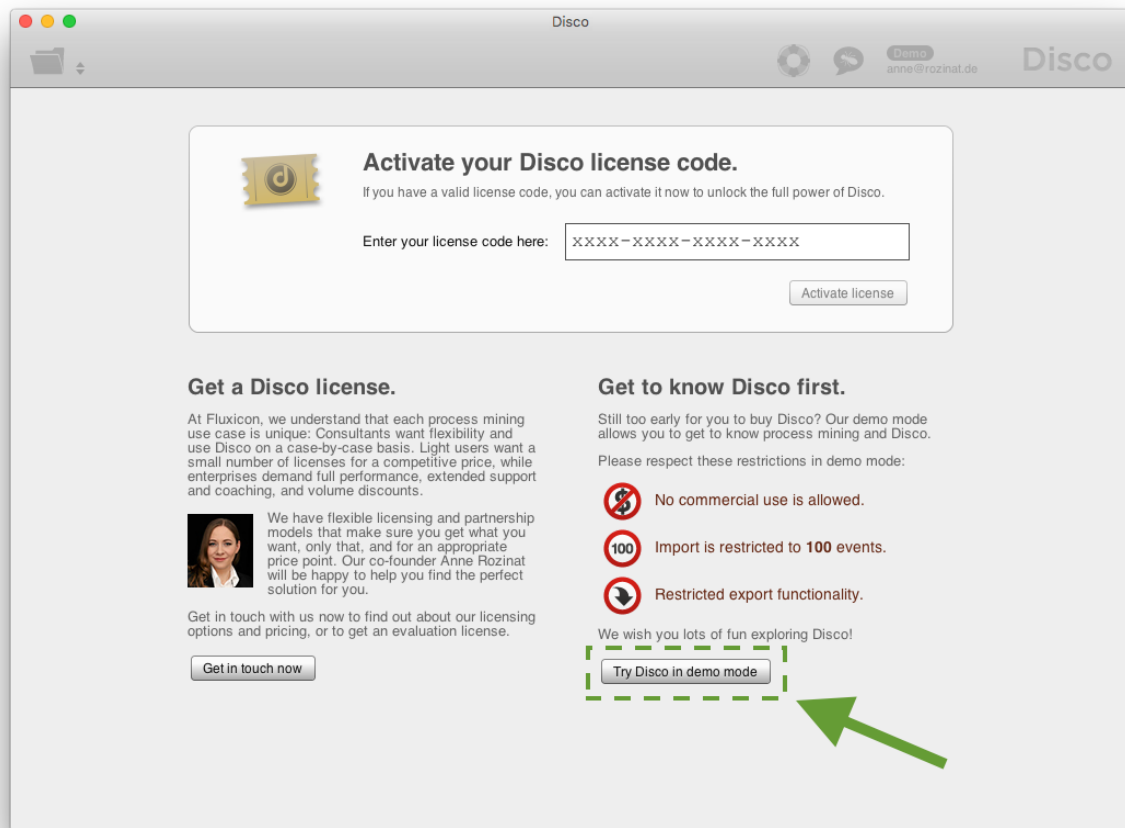
Anne & Christian

A handwritten signature in blue ink that reads 'Anne + Christian'.

## ALL YOU NEED IS THE DEMO VERSION OF DISCO

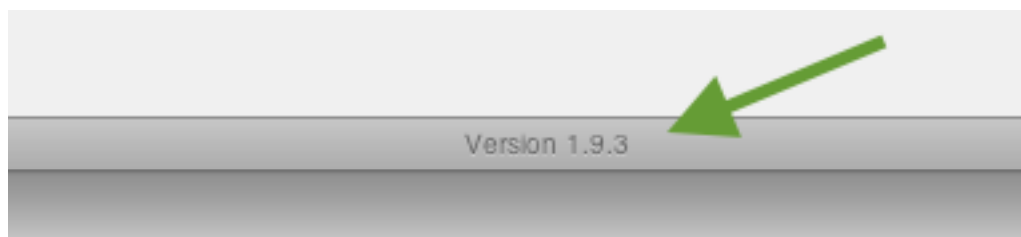
When you start Disco it will ask for a license code. However, *to follow this MOOC you don't need a license.*

Simply click the 'Try Disco in demo mode' button.



Make sure that you have the latest version of Disco installed (1.9.3 or higher). You can look up the version number in the middle of the footer at the bottom of the application.

If you are running an older version of Disco, download the latest version from <https://fluxicon.com/disco/>.



## HOW TO IMPORT DATA SETS

We have created a set of special .fbt files that work just like regular .csv files but do not require a license for Disco (you can simply work with the demo version).

To import a data set, press the 'Open file' button in the upper left corner and locate the .fbt file that you want to analyze.

You will see an import screen, where you can configure the meaning of each column. Press the 'Start import' button to start mining the data.

**1 Select Columns**

**2 Configure**

**3 Import**

Case ID	Start Timestamp	Complete Timestamp	Activity	Resource	Role
1 339	2011/02/16 14:31:00.000	2011/02/16 15:23:00.000	Create Purchase Requisition	Nico Ojenbeer	Requester
2 339	2011/02/17 09:34:00.000	2011/02/17 09:40:00.000	Analyze Purchase Requisition	Maris Freeman	Requester Manager
3 339	2011/02/17 21:29:00.000	2011/02/17 21:52:00.000	Amend Purchase Requisition	Elvira Lores	Requester
4 339	2011/02/18 17:24:00.000	2011/02/18 17:30:00.000	Analyze Purchase Requisition	Heinz Gutschmidt	Requester Manager
5 339	2011/02/18 17:36:00.000	2011/02/18 17:38:00.000	Create Request for Quotation Requester Manager	Francis Odell	Requester Manager
6 339	2011/02/22 09:34:00.000	2011/02/22 09:58:00.000	Analyze Request for Quotation	Magdalena Predutta	Purchasing Agent
7 339	2011/02/22 10:50:00.000	2011/02/22 11:03:00.000	Amend Request for Quotation Requester	Penn Osterwalder	Requester Manager
8 339	2011/02/28 08:10:00.000	2011/02/28 08:34:00.000	Analyze Request for Quotation	Francois de Perrier	Purchasing Agent
9 940	2011/05/17 06:31:00.000	2011/05/17 07:08:00.000	Create Purchase Requisition	Immanuel Karagianni	Requester
10 940	2011/05/17 09:58:00.000	2011/05/17 10:06:00.000	Create Request for Quotation Requester	Esmara Liubiata	Requester
11 940	2011/05/18 19:30:00.000	2011/05/18 19:56:00.000	Analyze Request for Quotation	Francois de Perrier	Purchasing Agent
12 940	2011/05/18 23:46:00.000	2011/05/18 23:59:00.000	Send Request for Quotation to Supplier	Magdalena Predutta	Purchasing Agent
13 940	2011/05/19 03:44:00.000	2011/05/19 08:31:00.000	Create Quotation comparison Map	Francois de Perrier	Purchasing Agent
14 940	2011/05/19 15:38:00.000	2011/05/19 15:52:00.000	Analyze Quotation comparison Map	Kim Passa	Requester
15 940	2011/05/19 15:52:00.000	2011/05/19 15:52:00.000	Choose best option	Anna Kaufmann	Requester
16 940	2011/05/20 23:31:00.000	2011/05/21 09:22:00.000	Settle conditions with supplier	Magdalena Predutta	Purchasing Agent
17 940	2011/05/21 18:48:00.000	2011/05/21 18:59:00.000	Create Purchase Order	Francois de Perrier	Purchasing Agent
18 940	2011/05/22 11:33:00.000	2011/05/22 11:44:00.000	Confirm Purchase Order	Esmeralda Clay	Supplier
19 940	2011/05/23 05:32:00.000	2011/05/24 13:46:00.000	Deliver Goods Services	Esmeralda Clay	Supplier
20 940	2011/05/24 20:59:00.000	2011/05/24 21:00:00.000	Release Purchase Order	Kim Passa	Requester
21 940	2011/05/26 07:41:00.000	2011/05/26 07:42:00.000	Approve Purchase Order for payment	Karel de Groot	Purchasing Agent
22 940	2011/05/28 01:11:00.000	2011/05/28 01:11:00.000	Send invoice	Kiu Kan	Supplier
23 940	2011/05/28 15:28:00.000	2011/05/28 15:28:00.000	Authorize Supplier's Invoice payment	Pedro Alvares	Financial Manager
24 940	2011/05/28 16:11:00.000	2011/05/28 16:19:00.000	Pay invoice	Karalda Nimwada	Financial Manager
25 1417	2011/07/23 12:53:00.000	2011/07/23 13:31:00.000	Create Purchase Requisition	Christian Francois	Requester
26 1417	2011/07/23 17:51:00.000	2011/07/23 17:59:00.000	Create Request for Quotation Requester	Immanuel Karagianni	Requester
27 1417	2011/08/02 07:02:00.000	2011/08/02 07:24:00.000	Analyze Request for Quotation	Karel de Groot	Purchasing Agent
28 1417	2011/08/02 08:17:00.000	2011/08/02 08:27:00.000	Amend Request for Quotation Requester	Anna Kaufmann	Requester Manager

## DATA SETS

The following data sets are used in the MOOC:

- [ProMbook\\_Ch1\\_running-example](#) - This data set is used in the Tool Quiz.
- [Receipt phase of an environmental permit application process \(WABO\) CoSeLoG project](#) - This data set is used in the Peer Assignment.
- [PurchasingExample](#) - This is the data set that you can use to follow the Real-life Process Mining Session.
- [RefundProcess](#) - The refund process is the data set that you can use to take the Quiz that accompanies the Real-life Process Mining Session.

The following additional data sets are provided for your own exploration and experimentation (not referenced in the MOOC):

- [LoanApplicationProcess-BPIChallenge-2012](#) - A loan application process data set from the BPI Challenge 2012.
- [IncidentManagementProcess-BPIChallenge-2014](#) - An incident management process data set from the BPI Challenge 2014.
- [MunicipalityProcessNo2-BPIChallenge-2015](#) - A municipality's building permit application process data set from the BPI Challenge 2015.