

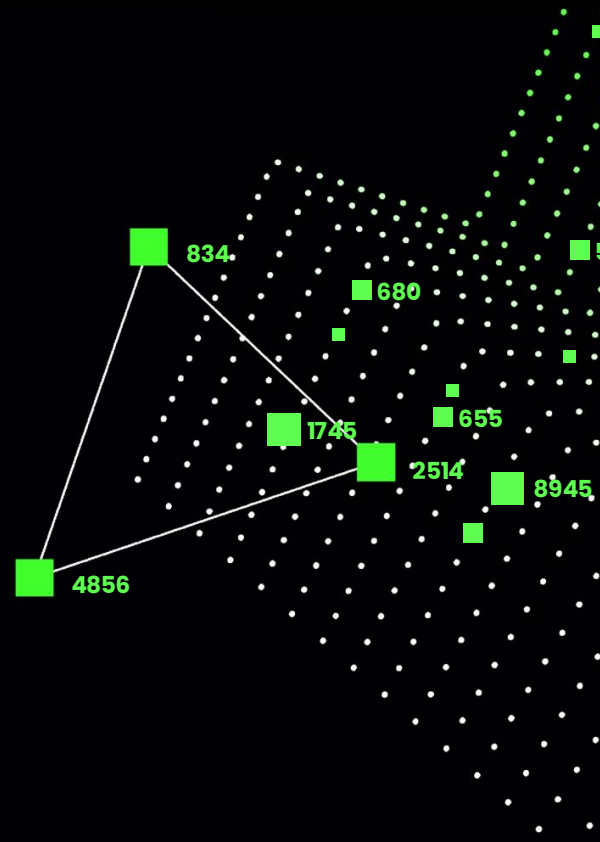
Closing

Overview and next steps

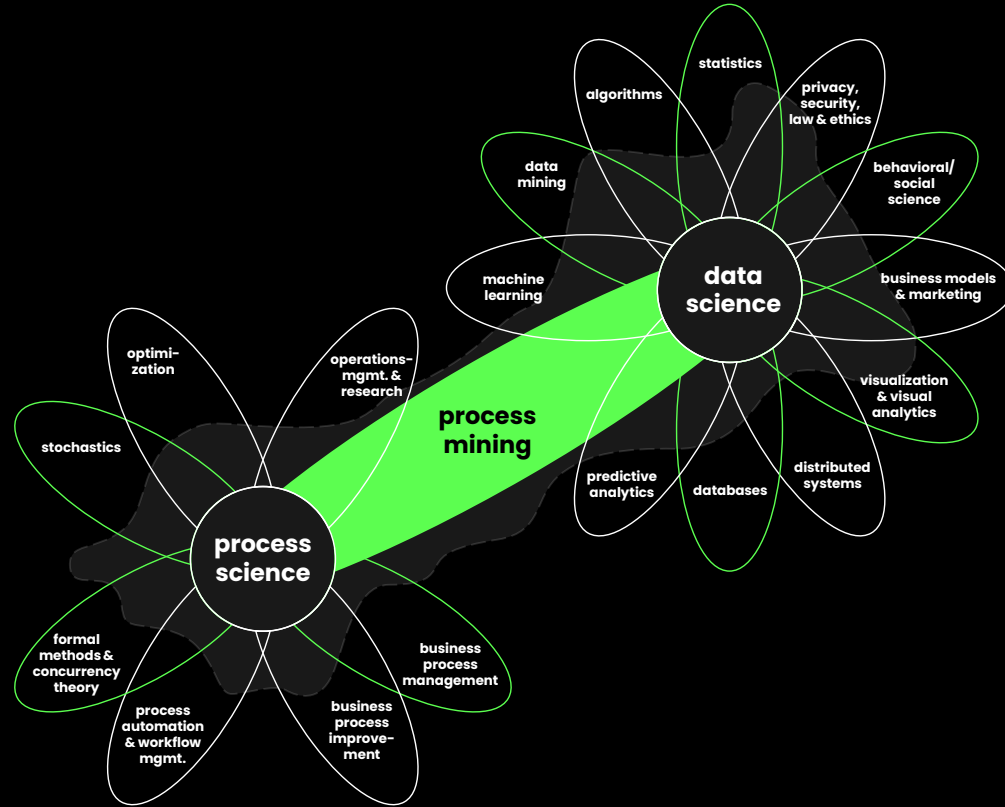
Process mining:
From Theory to Execution

prof.dr.ir. Wil van der Aalst

www.vdaalst.com @wvdaalst | www.pads.rwth-aachen.de



Process mining as the missing link



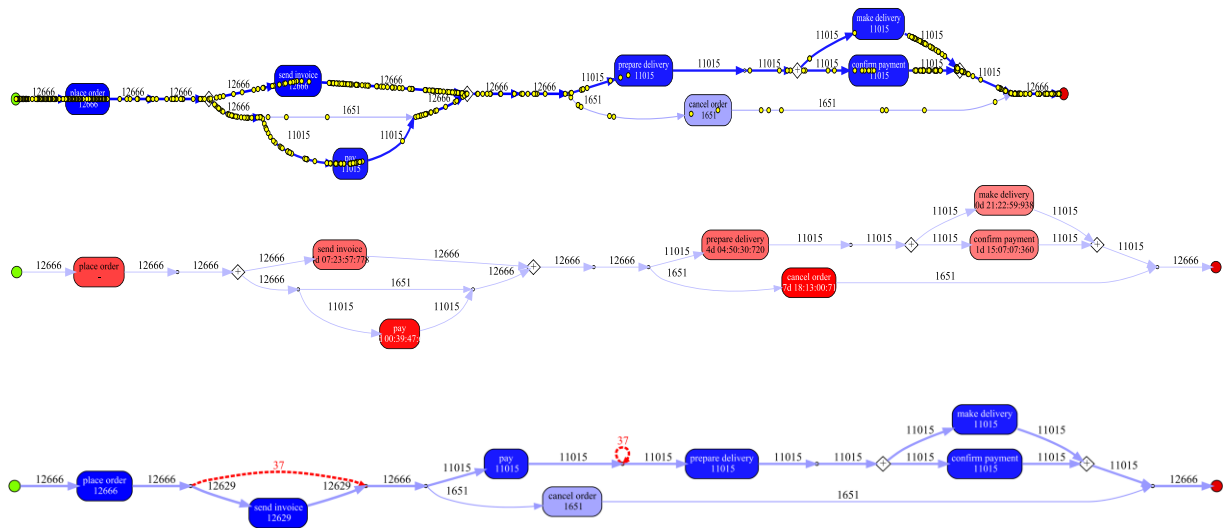
Performance & Compliance

C

What happens?

Where are the bottlenecks?

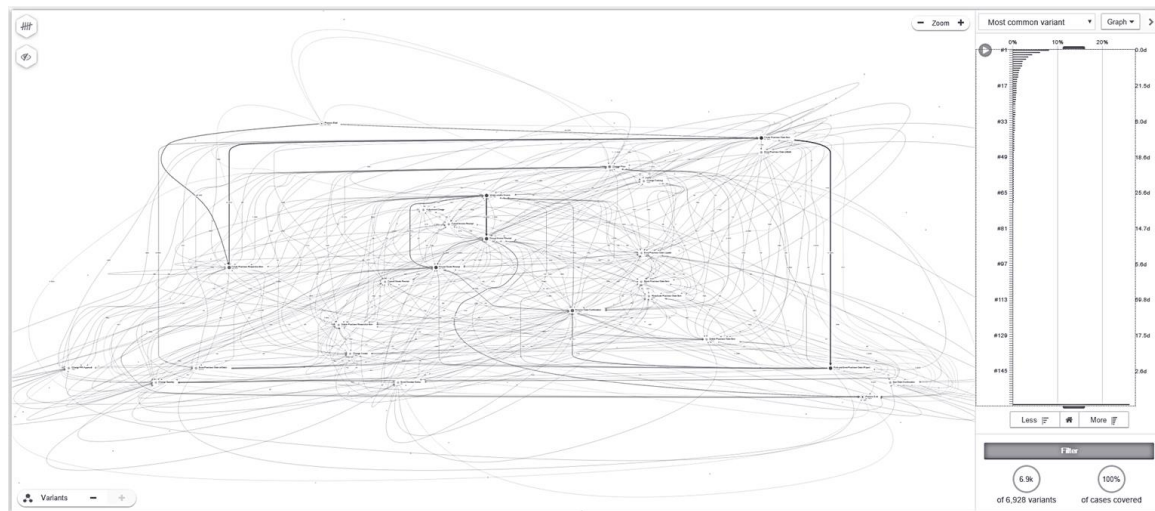
Where do we deviate from the happy path?



Pareto distribution: 100% of cases

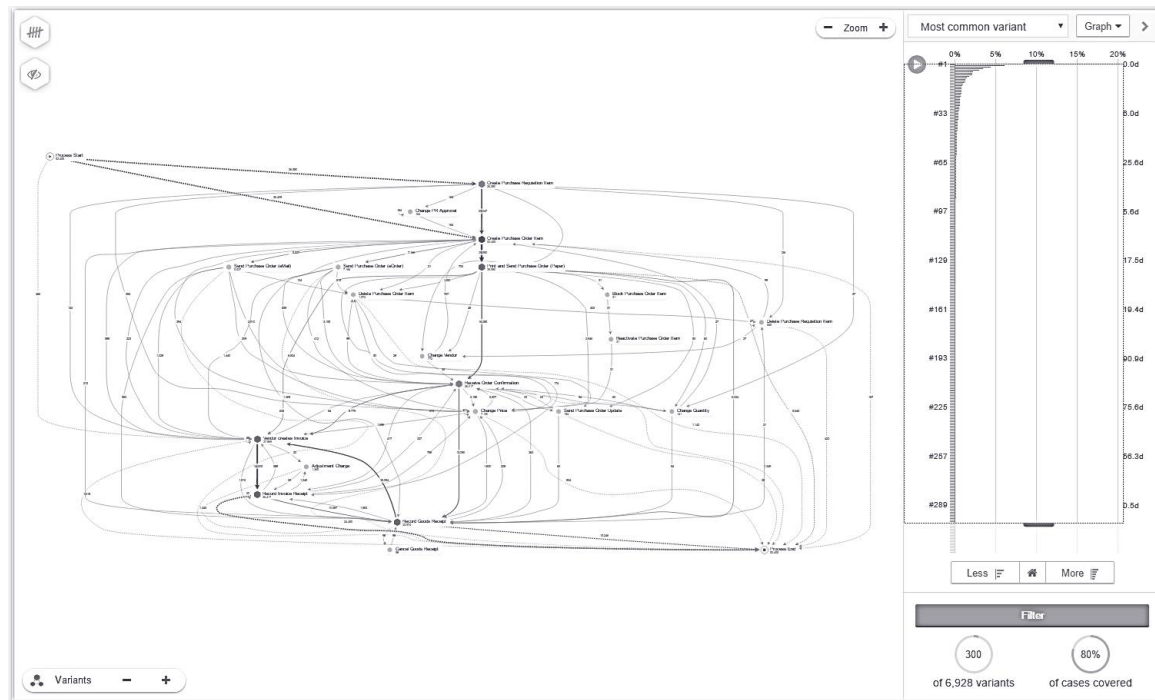
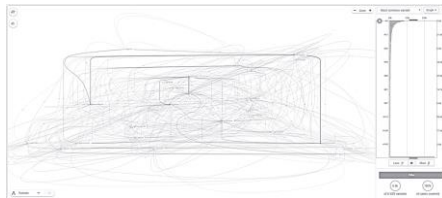
P2P processes with
67,023 cases and
6,928 variants

Huge potential to improve
processes and remove
organizational friction
(e.g., rework and delays)



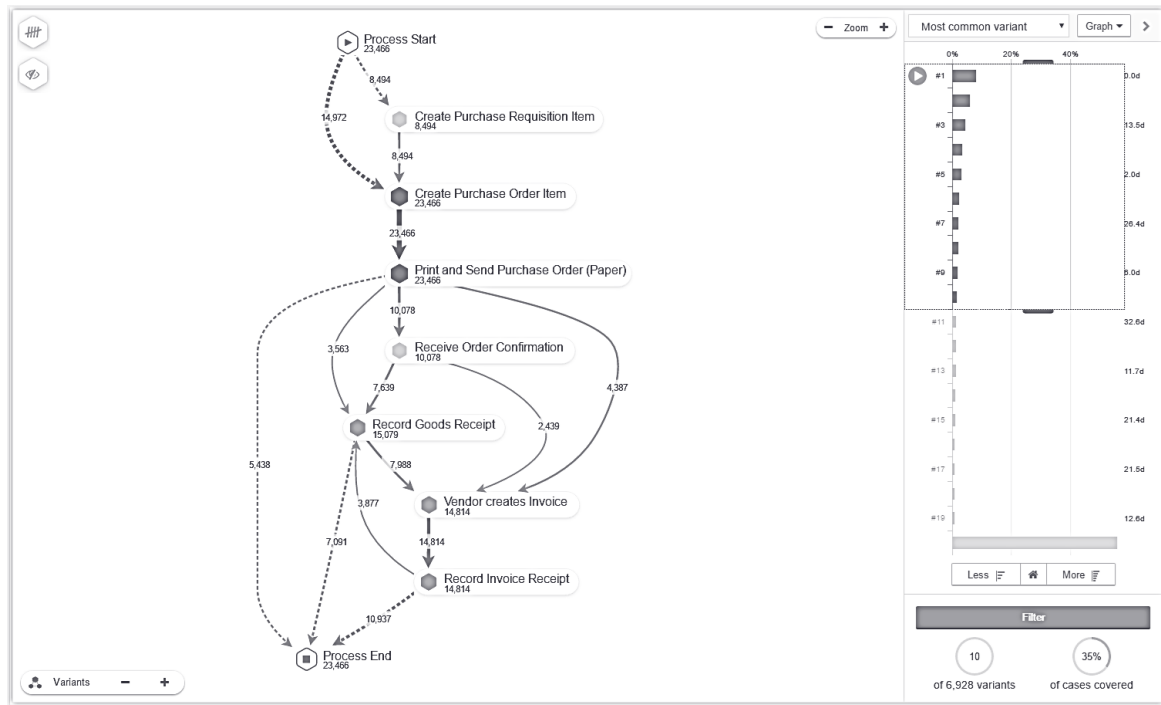
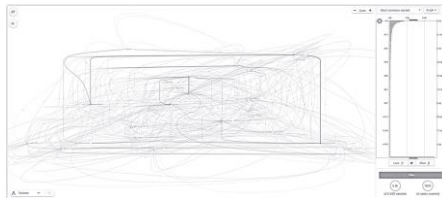
Pareto distribution: 80% of cases

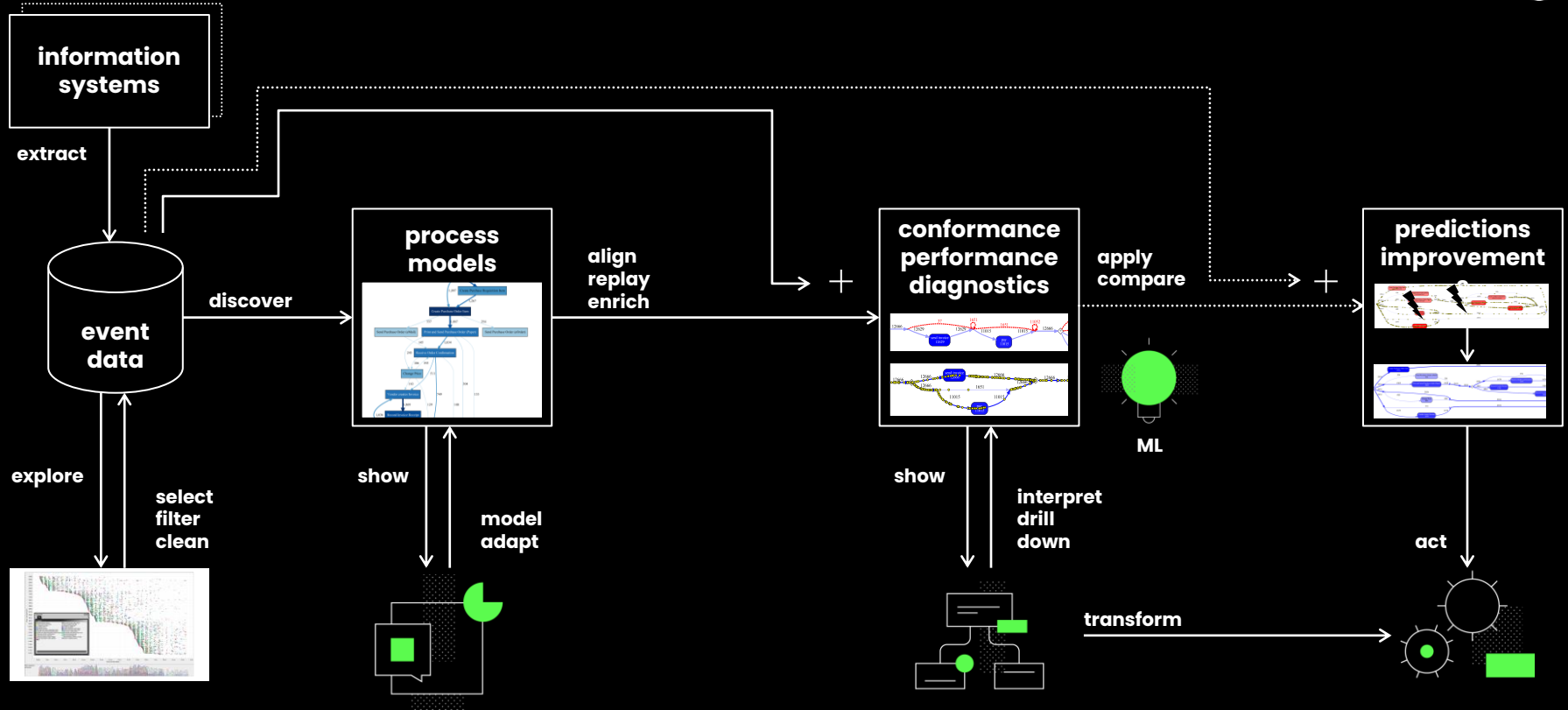
$300/6928=4.3\%$
of variants

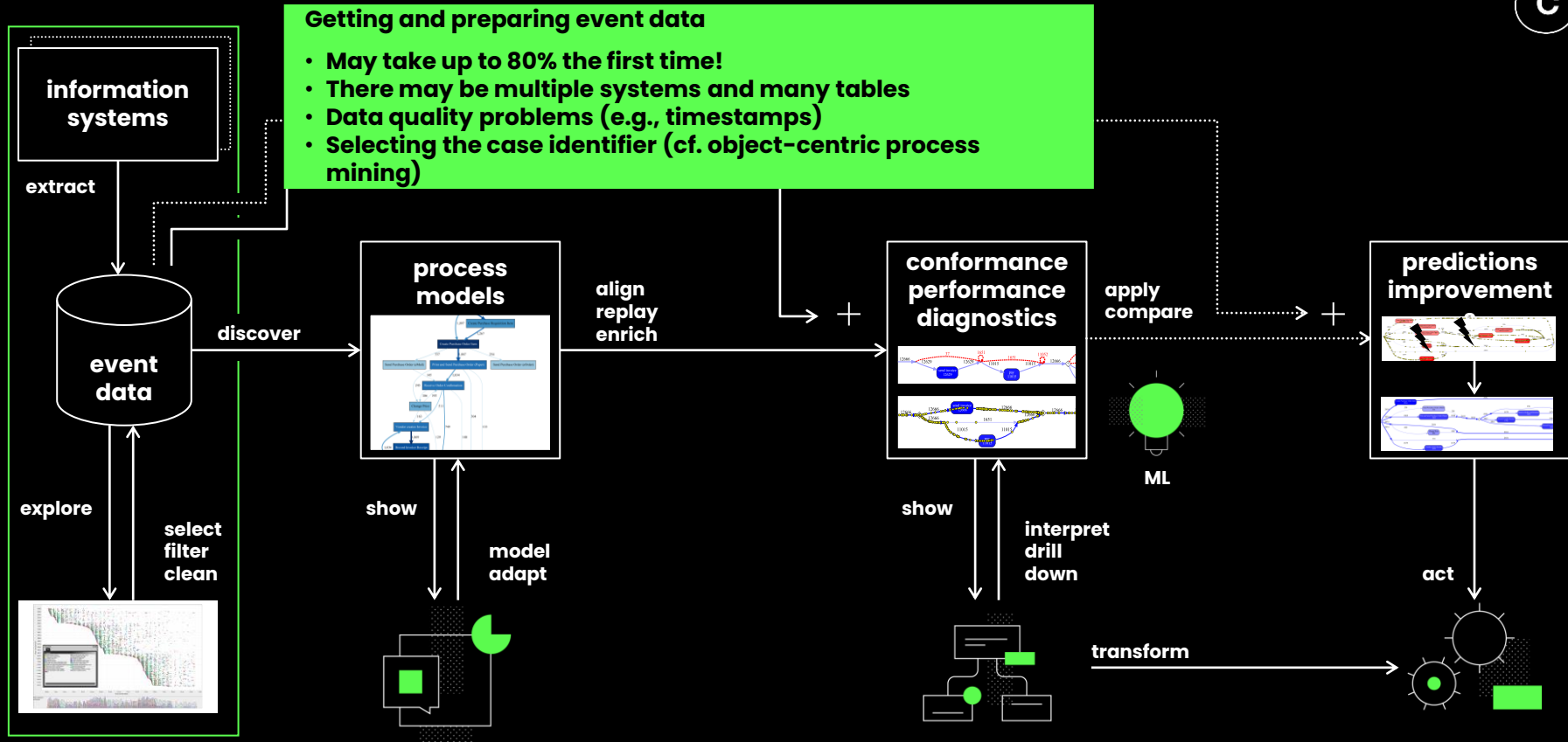


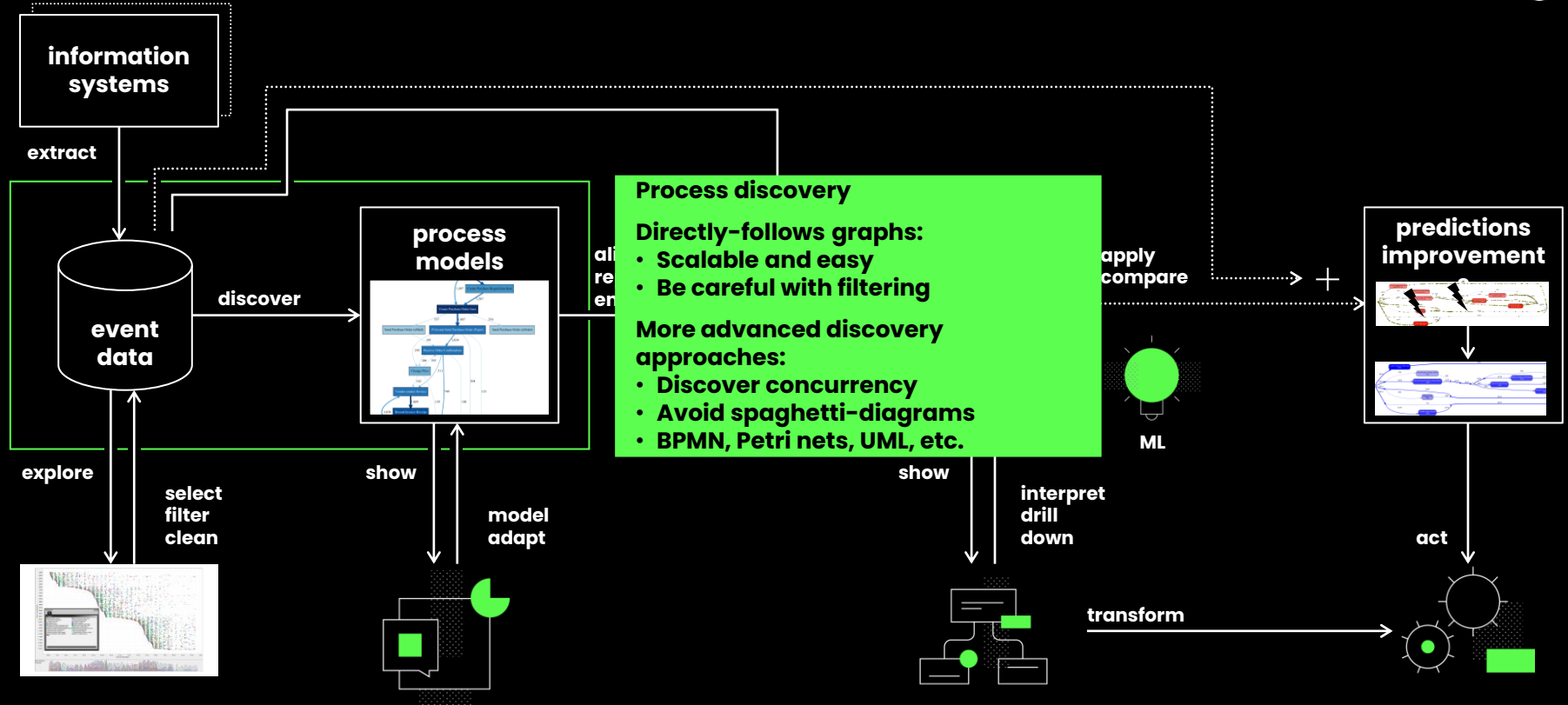
Pareto distribution: 35% of cases

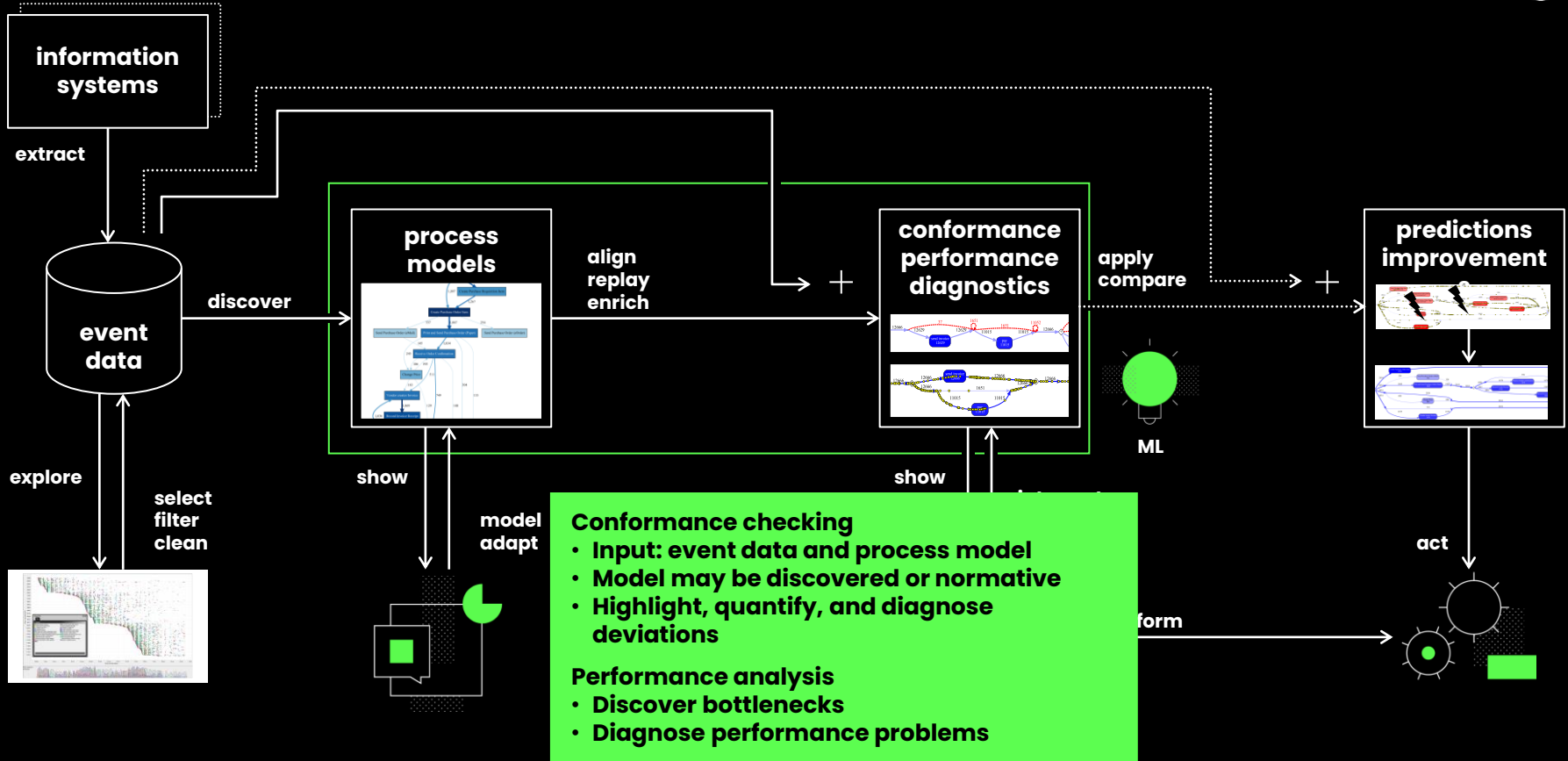
$10/6928 = 0.14\%$
of variants

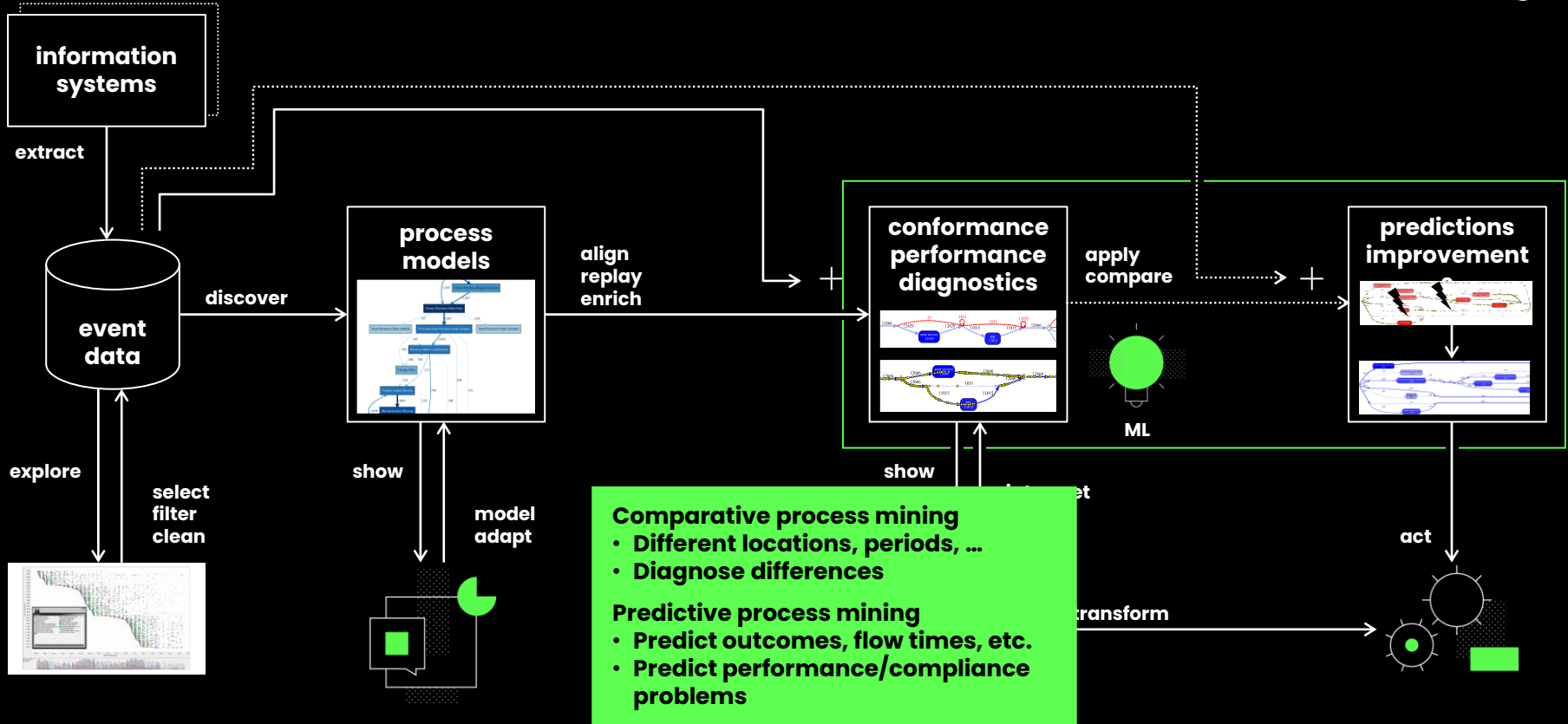


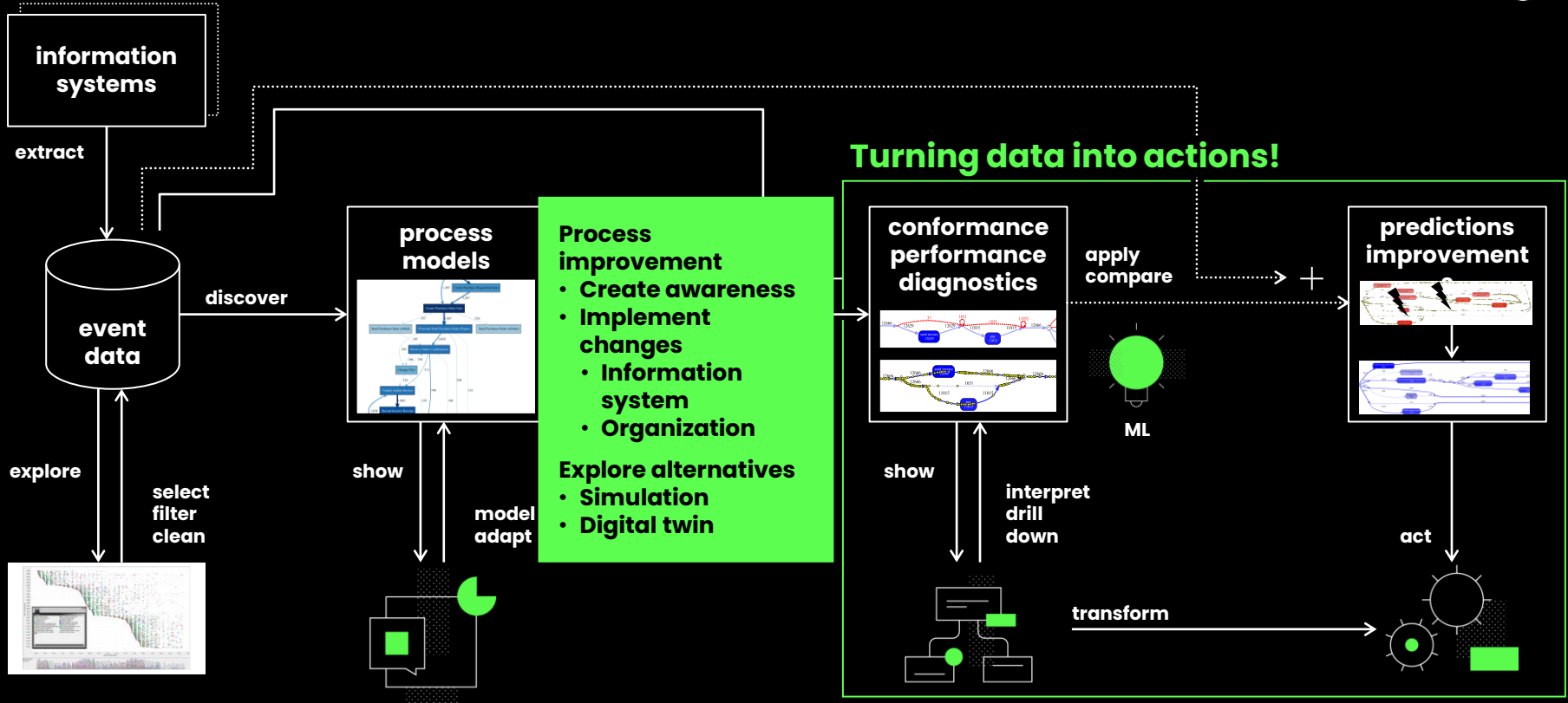


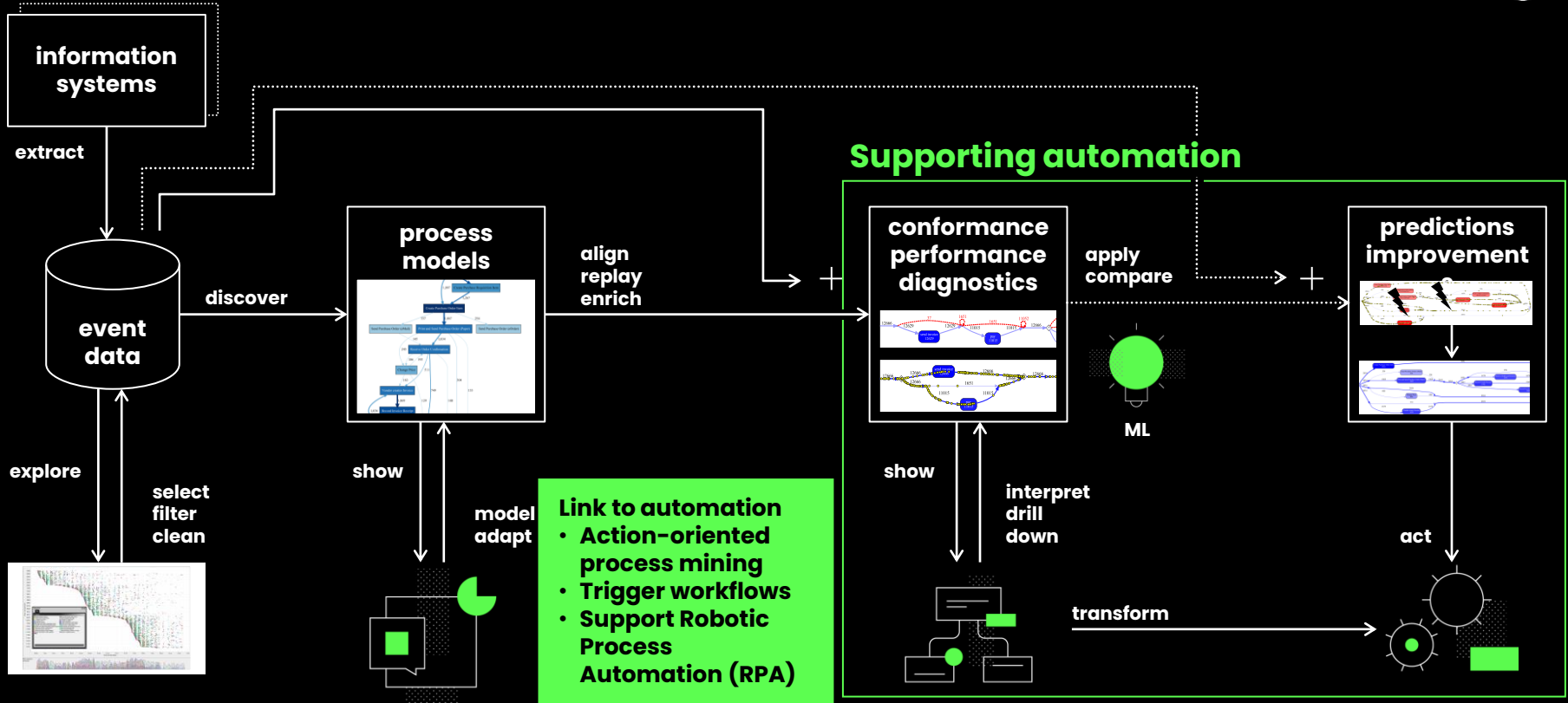






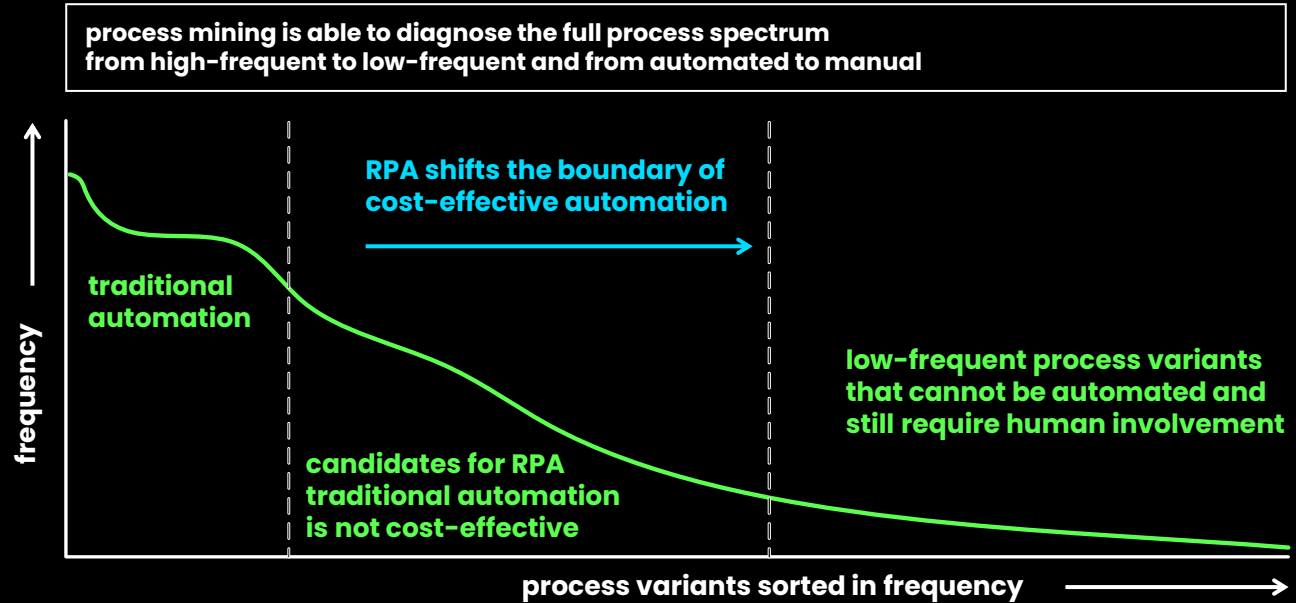




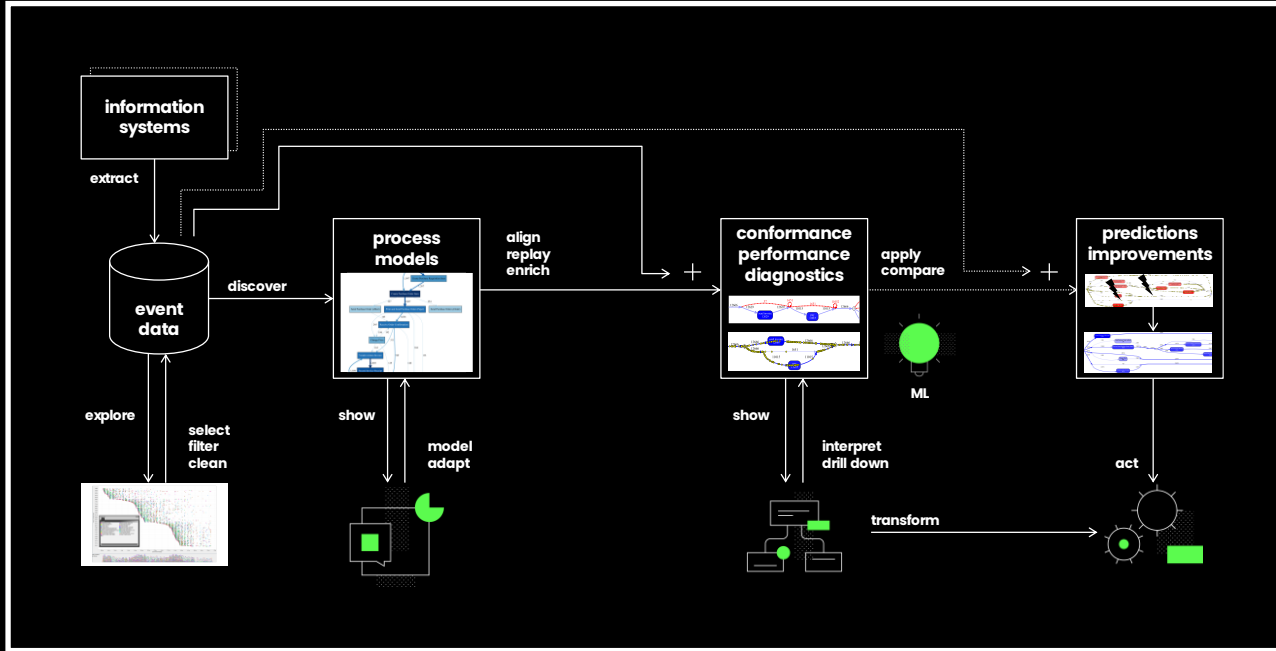


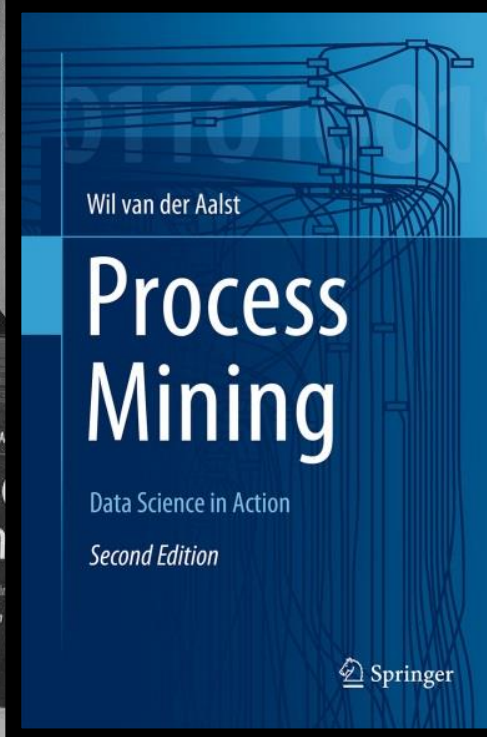
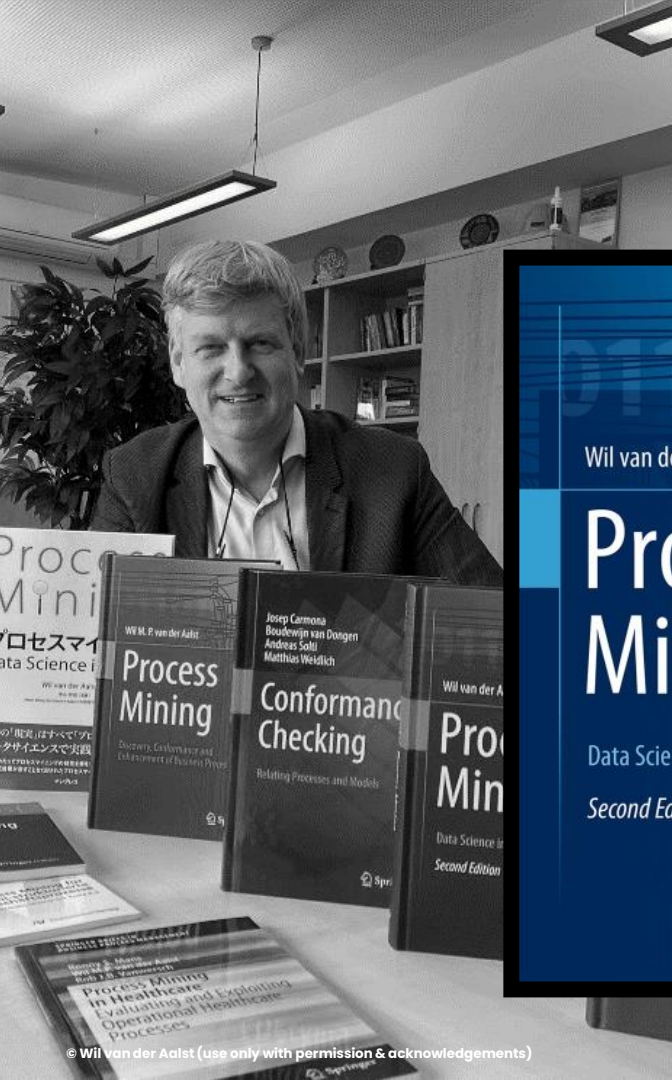
RPA

One of many
use cases



celonis





Advance your knowledge

Process Mining: Data Science in Action

The textbook “W. van der Aalst. **Process Mining: Data Science in Action**. Springer-Verlag, Berlin, 2016” (<http://springer.com/9783662498507>).