Turning Data Into Insights Into Value

Process Mining

Introduction to KPMG Process Mining
Overview: KPMG Process Mining

The Process Mining Technology

TARGETED MEASURES
Informed decisions based on full transparency and knowledge

100 % TRANSPARENCY
Visualization of the real process flow by our algorithms, which find & reconstruct digital workflow traces.

DIGITAL FOOTPRINT
In IT-system-based (e.g. SAP) processes, activities can be logged and reproduced.

Business Challenges

The best decision is a well informed decision. However, obtaining information about processes and key questions is very difficult or time consuming. Customers want to

- More process transparency
- Easy identification of deviations and in efficiencies
- Process monitoring and measuring
- Targeted reduction of efforts

Our Approaches

KPMG Process Mining helps organizations to discover and understand all as-is business process across the enterprise. This process transparency leads to

- Improvement of business processes
- Non-Compliance identification
- Optimization of cycle times
- Reduction of manual changes
- Improvement of working capital

Use Cases

- Process properness
- Process efficiency
- Potential savings
- Working capital improvement
- Process compliance
- Continuous Monitoring

E.g. in Purchase-to-Pay or Order-to-Cash
Business Challenges: lack of transparency

- Currently, companies have only limited insights into the as-is processes and their weaknesses
- IT-based processes are like black boxes, they hamper the insights in actual processes
- Current solutions can only point spotlights and achieve partial transparency in the real process
- For reconstructing single business cases, individual documents are necessary. Business Warehouse Systems analyse pooled data instead of single transactions
Our Approach: Turning Data Into Insights Into Value

Step 1: Turn on the light
Our algorithms read the companies event data and reconstructs the actual process flows. This specific process visualisation enables investigations and reveals deviations, bottlenecks and cycle times and much more.

Step 2: Automatic and smart process analysation
Using smart queries, the as-is process can be evaluated by specific key performance indicators or key risk indicators.

Step 3: Targeted process improvements
At the push of a button, process transparency and analyses enable the identification of causes and anomalies within the process, weak spots and cost drivers per drill down. In this way process efficiency, compliance and working capital can targeted improved.

With Process Mining companies can switch on the lights and see everything in the real processes.

And this is how it works:
Business Use Cases

**Selected use cases**

- **Process Conformance check**, e.g. comparing as-is and to-be processes flows
- **Compliance**, e.g. subsequent order changes or segregation of duty conflicts
- **Potential savings**, e.g. manual interventions and changes
- **Improvement of Working capital** e.g. early payment, discount losses or payment behaviour

**Live demo and Proof-of-Concept**

- How does the as-is process flow look like?
- How many process variants do exist? Where and why do deviations and loops exist?
- How can complex process activities be revealed and examined per drill-down?
- How can potential savings be identified?
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