

# [Dataset Name]: A Real-World Event Log for [Process/Domain]\*

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## Abstract

Here goes the abstract.

## Keywords

Keyword, Another keyword

| Metadata description                 | Value                                  |
|--------------------------------------|----------------------------------------|
| Dataset name                         | Dataset Name                           |
| Process & domain                     | Process name and organisational domain |
| Log format                           | IEEE XES / OCEL 2.0 /...               |
| Dataset size                         | MB / GB                                |
| Download URL                         | URL                                    |
| Process reference model URL (in PDF) | URL                                    |

## 1. Introduction

Here goes the introduction. This is a citation [1].

## 2. Provenance and Process Context

A section describing the provenance and context of the dataset, the organisation and sector, the process, and the chosen case notion.

## 3. Event Log Description

A section describing the structure of the event log. The section must include a table describing the event log schema. See an example description in Table 1. For OCEL 2.0 logs, include a description of all object types and relations.

This section must also contain a list or a table describing each activity label and explaining what the activity represents within the organization.

Finally, you need to include a table with a detailed summary of the event log. The mandatory table structure is presented in Table 2. Make sure to include a summary of the missing-value rate by putting clear references to the log schema description.

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\*You can use this document as the template for preparing your publication.

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**Table 1**  
Event-log schema

| Attribute         | Type      | Unit       | Domain       | Meaning                       |
|-------------------|-----------|------------|--------------|-------------------------------|
| case:concept:name | String    | –          | [domain]     | Unique case identifier        |
| concept:name      | String    | –          | [activities] | Activity label                |
| time:timestamp    | Timestamp | [timezone] | [date range] | Event timestamp               |
| org:resource      | String    | –          | [resources]  | Resource performing the event |
| [attribute-1]     | [type]    | [unit]     | [domain]     | [Meaning]                     |
| [attribute-2]     | [type]    | [unit]     | [domain]     | [Meaning]                     |

**Table 2**  
Event data summary

| Name                           | Value                   |
|--------------------------------|-------------------------|
| Number of events               | [Num]                   |
| Number of cases                | [Num]                   |
| Number of activities           | [Num]                   |
| Number of resources            | [Num]                   |
| Observation window             | [Start date – End date] |
| Median trace length            | [Num]                   |
| Maximum trace length           | [Num]                   |
| Case duration, 25th percentile | [Value]                 |
| Case duration, median          | [Value]                 |
| Case duration, 75th percentile | [Value]                 |
| Case duration, 95th percentile | [Value]                 |
| Case duration, maximum         | [Value]                 |
| Case attributes                | [Num]                   |
| Event attributes               | [Num]                   |

### 3.1. Known Artefacts and Preprocessing

A sub-section describing the known data-quality issues and artefacts, including: migrations, batch-recorded events, changed labels, duplicates; what was cleaned, and what was deliberately left untouched.

## 4. Business Questions

A section describing three to six business questions a process owner would want answered, in the spirit of the BPI Challenges and phrased in the language of the organisation. For each: why it matters, what a satisfactory answer looks like, whether ground truth exists, and whether it is open or already answered. Questions endorsed by the data owner are strongly preferred.

## 5. Conclusion

Here goes the conclusion.

## Acknowledgments

This template makes use of the CEURART class, which belongs to CEUR-WS.  
If needed, acknowledgements should go here.

## Declaration on Generative AI

*Either:*

The author(s) have not employed any Generative AI tools.

*Or (by using the activity taxonomy in [ceur-ws.org/genai-tax.html](http://ceur-ws.org/genai-tax.html)):*

During the preparation of this work, the author(s) used X-GPT-4 and Gramby in order to: Grammar and spelling check. Further, the author(s) used X-AI-IMG for figures 3 and 4 in order to: Generate images. After using these tool(s)/service(s), the author(s) reviewed and edited the content as needed and take(s) full responsibility for the publication's content.

## References

- [1] M. J. Katz, From research to manuscript: A guide to scientific writing, Springer Science & Business Media, 2009.