

# AloD Technical Contributors Board Meeting 23.2.2024

Next Meeting 26.4.2024

# Agenda

1. Overview of the newly started project DeployAI (Joachim Köhler)
2. CONVINCe project about robot decision making (Enrico Ghiorzi)
3. EVENFLOW project use cases on robust learning and reasoning (Athanasios Poulakidas)
4. ENEXA project use cases on applied knowledge graphs and machine learning (Maria Schnödt-Fuchs and Charis Akasiadis)
5. If time permits: brief update on AI-Builder/Playground progress (Martin Weiß)

# AI-Builder and Playground Updates 1

- The pipeline format now includes additional attributes:

```
"type": "pipeline-topology/v2",  
"name": "Sudoku Tutorial",  
"version": "2",  
"creation_date": "2024-02-13 16:10:04.335138",  
"pipeline_id": "graphene:00aff3ab-94cb-4969-93c3-a95be53c05d2:2f7c7ef1-262c-4a73-8393-aef1ded7cad3",
```

- The execution-meta-data now also has a type attribute

```
"name": "houseprice",  
"pipeline_id": "graphene:9f4b4eb1-d115-4970-9e5f-6d67663efcba:4106d188-8aa0-400c-b0d8-4504dc91bc70",  
"creation_date": "2024-02-06 15:28:46.542023",  
"type": "execution-run/v1",
```

- Submitted to the AloD Metadata Workinggroup

# AI-Builder and Playground Updates 2

- Metrics designed for benchmarking and automatic ranking

```
"metrics": {  
  "date_time": "2024-02-23 08:03:00",  
  "type": "regression-metrics/v1",  
  "less_is_better": {  
    "mse": 0.0025680503998073007,  
    "rmse": 0.05067593511527242  
  },  
  "more_is_better": {  
    "r_squared": 0.831178119365146,  
    "adjusted_r_squared": 0.8270170166734419  
  },  
  "status_text": "success"  
}
```

- Support for different metrics types and versions to allow smooth evolution
- Submitted to the AloD Metadata Workinggroup

# AI-Builder and Playground Updates 3

- Better control to capture execution-run data in the Playground UI

