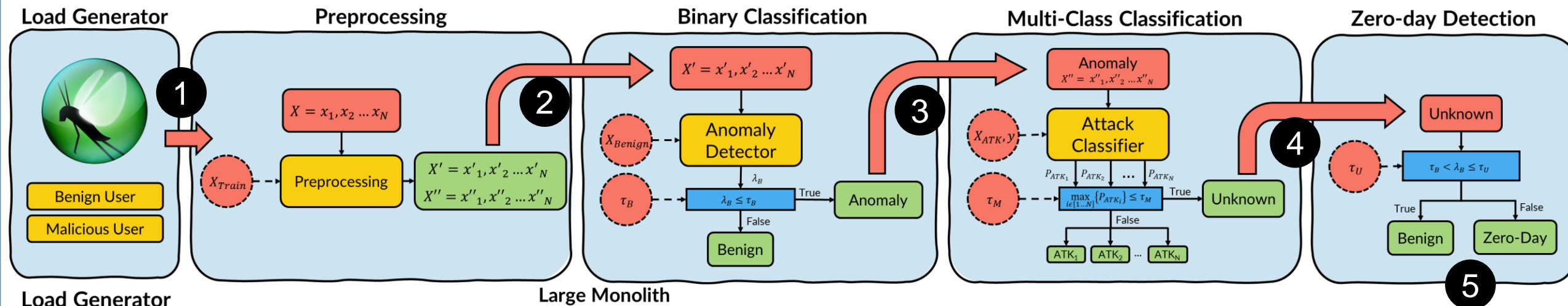


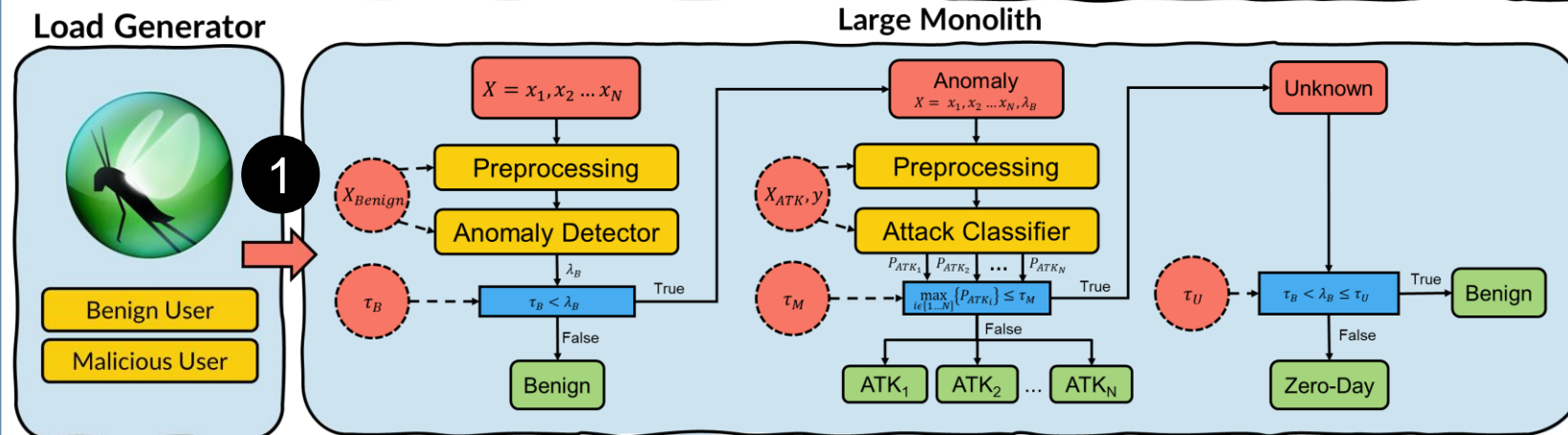
# VISUALISATIONS NETWORK-AWARE SCHEDULER - SECURITY

Miel & José

# DEPLOYMENT SCENARIOS (1)

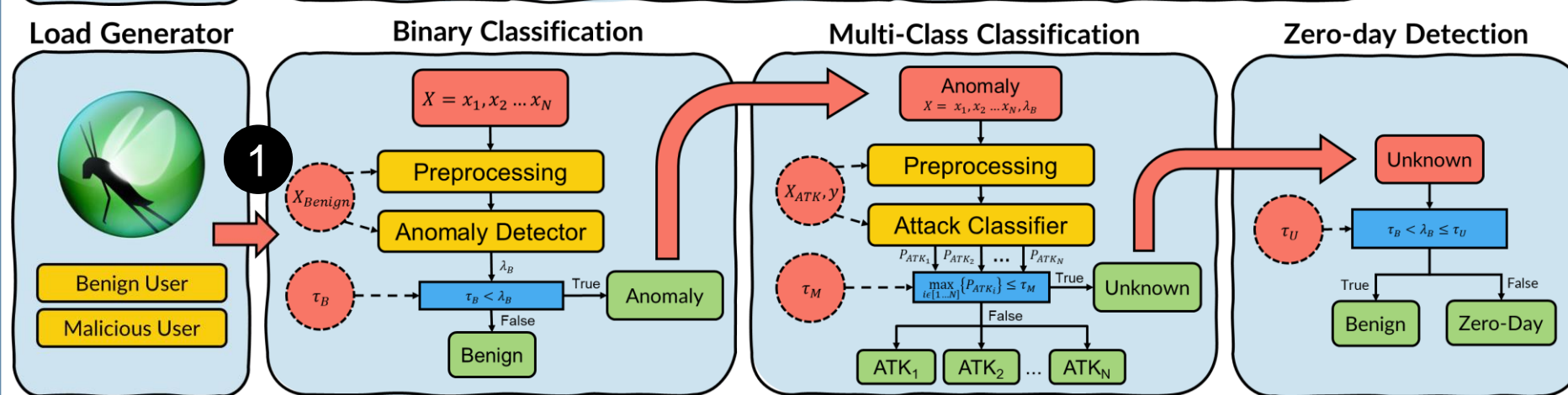


- 1 {  
  "event\_timestamp": <timestamp>,  
  "features\_orig": [ <features> ]  
}
- 2 {  
  "event\_timestamp": <timestamp>,  
  "processing\_timestamp\_start": <timestamp>,  
  "processing\_timestamp\_end": <timestamp>,  
  "features\_1": [ <features> ],  
  "features\_2": [ <features> ]  
}
- 3 {  
  "event\_timestamp": <timestamp>,  
  ...  
  "binary\_timestamp\_start": <timestamp>,  
  "binary\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "features\_2": [ <features> ]  
}



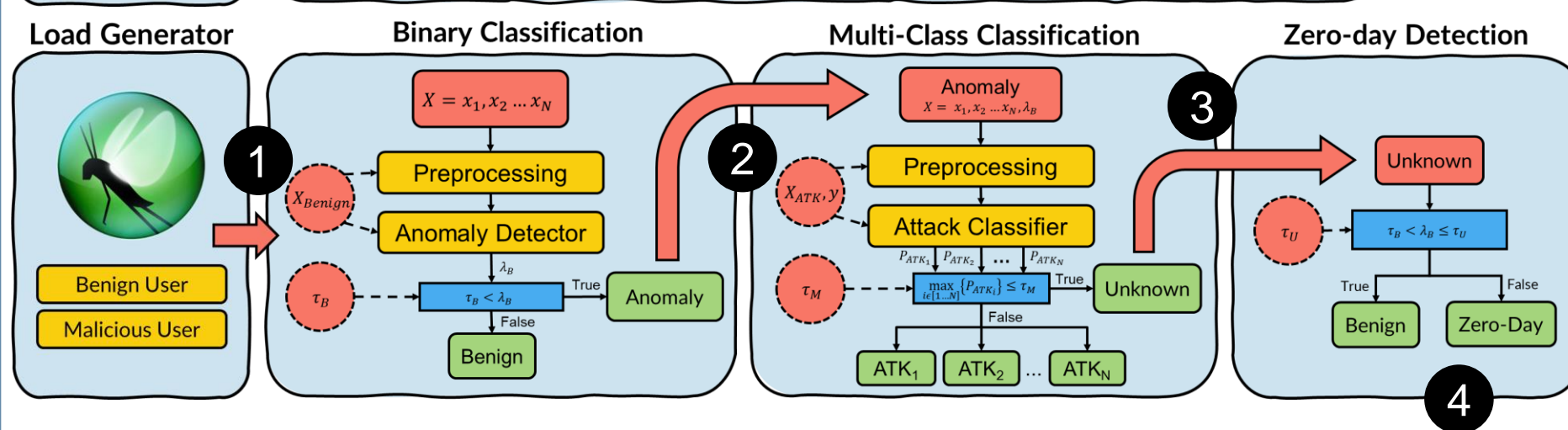
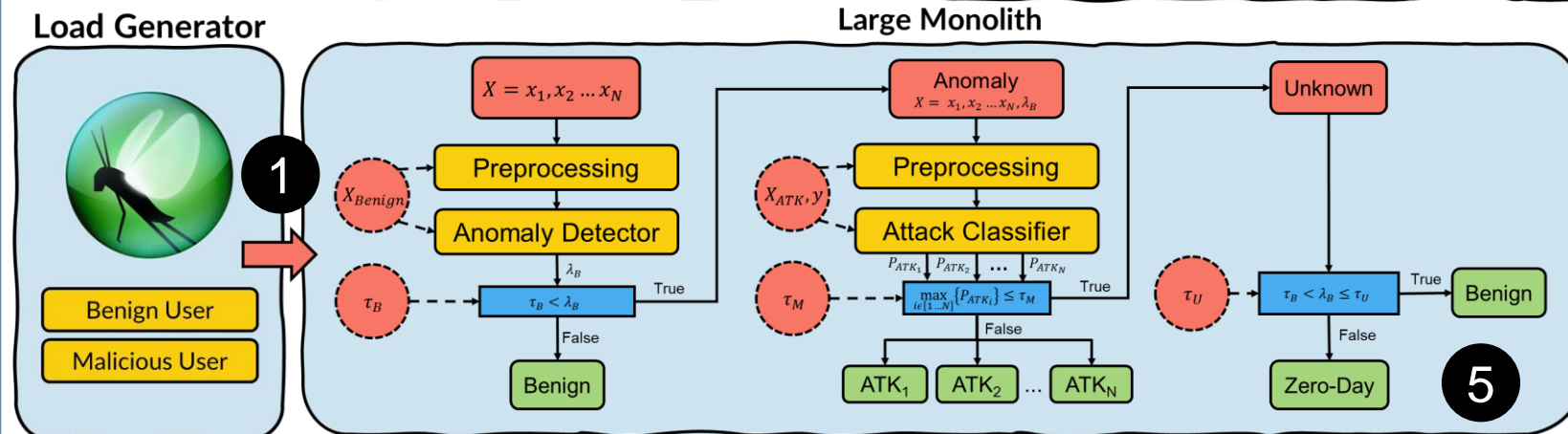
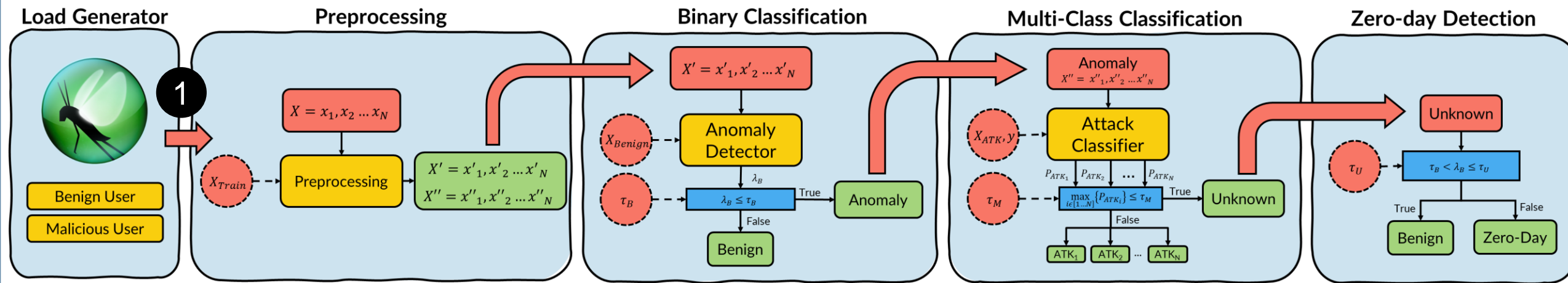
→ Inference Path  
 ..... Training Path

- 4 {  
  "event\_timestamp": <timestamp>,  
  ...  
  "multi\_class\_timestamp\_start": <timestamp>,  
  "multi\_class\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "multi\_class\_confidence": <double>,  
  "multi\_class\_prediction": <AttackClass | Unknown>  
}



- 5 {  
  "event\_timestamp": <timestamp>,  
  ...  
  "zero\_day\_timestamp\_start": <timestamp>,  
  "zero\_day\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "multi\_class\_confidence": <double>,  
  "multi\_class\_prediction": <AttackClass | Unknown | Benign>  
}

# DEPLOYMENT SCENARIOS (2)



1 {  
  "event\_timestamp": <timestamp>,  
  "features\_orig": [ <features> ]  
}

2 {  
  "event\_timestamp": <timestamp>,  
  "binary\_timestamp\_start": <timestamp>,  
  "binary\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "features\_2": [ <features> ]  
}

3 {  
  "event\_timestamp": <timestamp>,  
  ...  
  "multi\_class\_timestamp\_start": <timestamp>,  
  "multi\_class\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "multi\_class\_confidence": <double>,  
  "multi\_class\_prediction": <AttackClass | Unknown>  
}

4 {  
  "event\_timestamp": <timestamp>,  
  "binary\_timestamp\_start": <timestamp>,  
  "binary\_timestamp\_end": <timestamp>,  
  "multi\_class\_timestamp\_start": <timestamp>,  
  "multi\_class\_timestamp\_end": <timestamp>,  
  "zero\_day\_timestamp\_start": <timestamp>,  
  "zero\_day\_timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "multi\_class\_confidence": <double>,  
  "multi\_class\_prediction": <AttackClass | Unknown | Benign>  
}

5 {  
  "event\_timestamp": <timestamp>,  
  "timestamp\_start": <timestamp>,  
  "timestamp\_end": <timestamp>,  
  "anomaly\_score": <double>,  
  "binary\_prediction": <Attack | Benign>,  
  "multi\_class\_confidence": <double>,  
  "multi\_class\_prediction": <AttackClass | Unknown | Benign>  
}

→ Inference Path  
..... Training Path

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