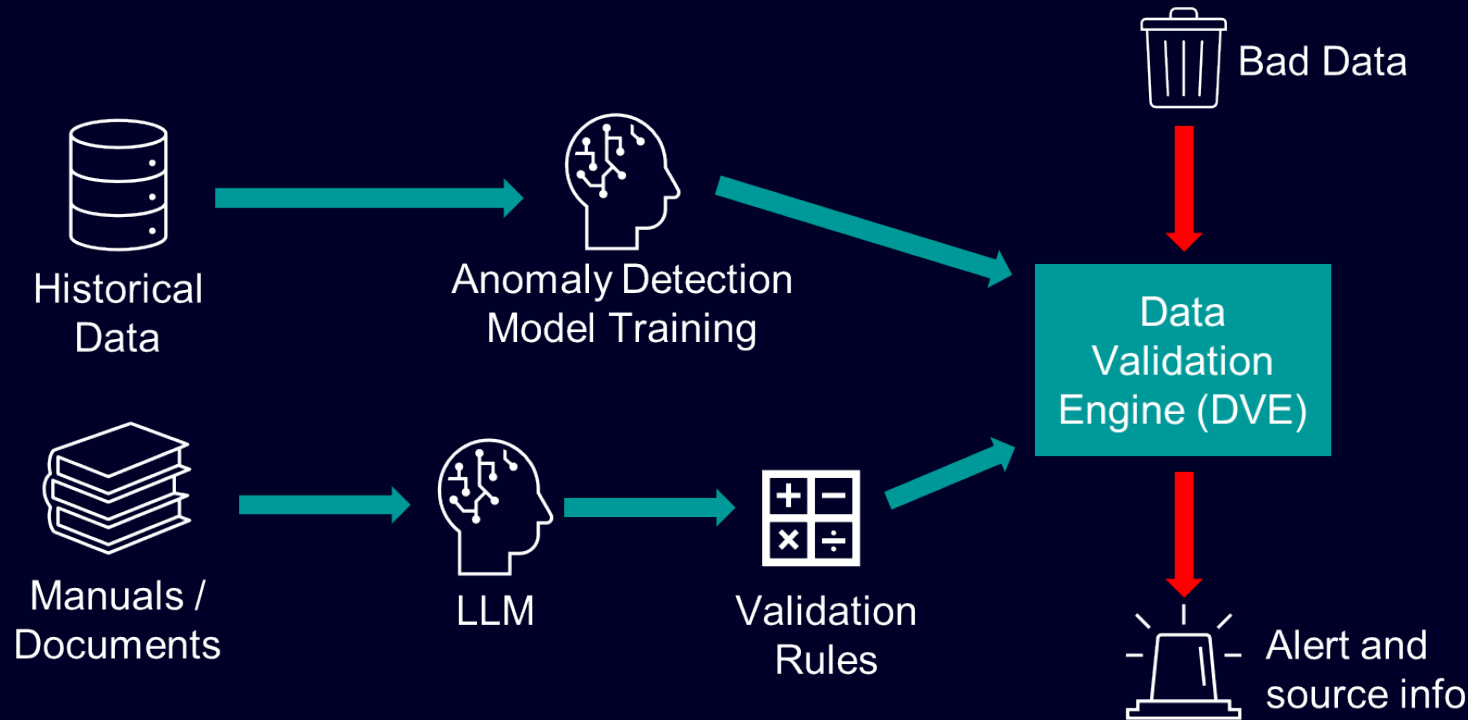


AQUA (multi-modal Analytics for data QUALity in power systems)

DOE Digitizing Utilities Prize Round 2, Track 1



Siemens Technology

Dynapy team:

Dr. Tongtao Zhang

Dr. Bruno Paes Leao

Utility partner:



Why? Data quality issues affecting the performance of Distribution Management Systems

What? Detection of data quality issues and identification of their sources even when no historical data is available

How? Combination of anomaly detection models with validation rules extracted using Large Language Models

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