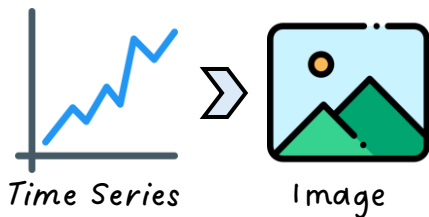


TSI Construction



Scenarios

Univariate

Multivariate

Irregular

Anomalies

Point-wise

Range-wise

Variate-wise



Prompt Designs

Point-wise

{image}. Detect points of anomalies in this time series, in terms of the x-axis coordinate...

Range-wise

{image}. Detect ranges of anomalies in this time series, in terms of the x-axis coordinate...

Variate-wise

{image}. Detect univariate time series of anomalies in this multivariate time series, in terms of ID of univariate time series...

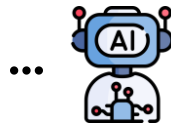
Multimodal LLMs



GPT



Gemini



Llava



Qwen