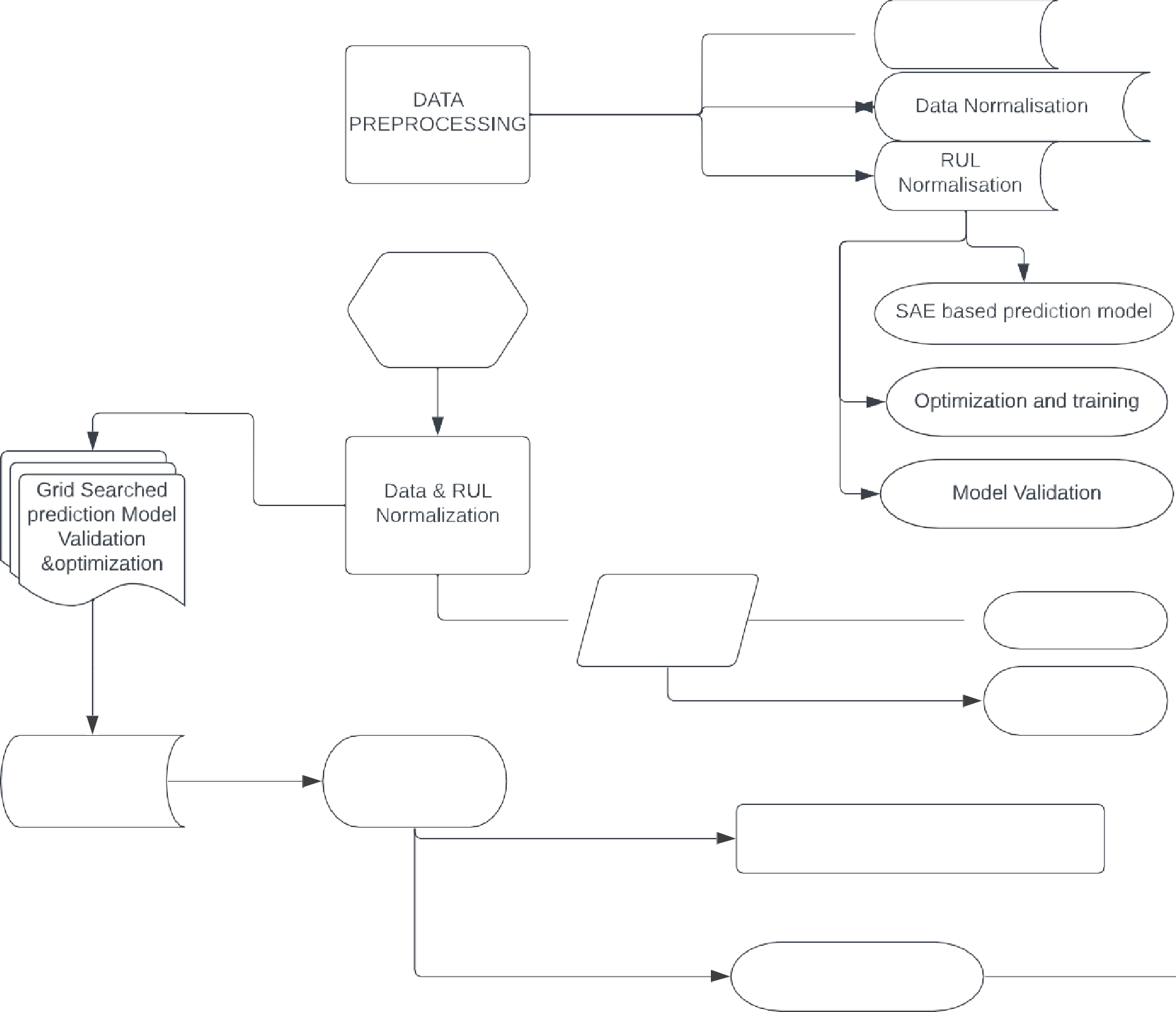
**DATA FLOW DIAGRAM**

Machine Learning-Based Predictive Analytics for Aircraft Engine

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>- Sensor Selection

HISTORICAL DATA

”

Sensor Selection

Sparse Auto

” Encoder

p- Denoising Encoder

Building Stacked noise Encoder

Training Testing

Description of Engine Data

Results And Description

Optimization Using GRID search

DATA PROCESS

CONCLUSON