

Design Parameters



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graph TD; A[Design Parameters] --> B[LF Model]; A --> C[HF Model]; B --> D[Build Dataset]; C --> D; D --> E[Dimensionality Reduction (POD)]; E --> F[Model Training]; F --> G[ML-ROM];
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The diagram is a vertical flowchart illustrating the construction of an ML-ROM. It begins with a box labeled 'Design Parameters' at the top. Two arrows branch out from this box to 'LF Model' and 'HF Model' boxes. Arrows from both of these boxes converge into a single arrow pointing to 'Build Dataset'. This is followed by a sequence of three boxes connected by downward-pointing arrows: 'Dimensionality Reduction (POD)', 'Model Training', and finally 'ML-ROM' at the bottom, which is highlighted with a black background.

LF Model

HF Model

Build Dataset

Dimensionality
Reduction (POD)

Model Training

ML-ROM