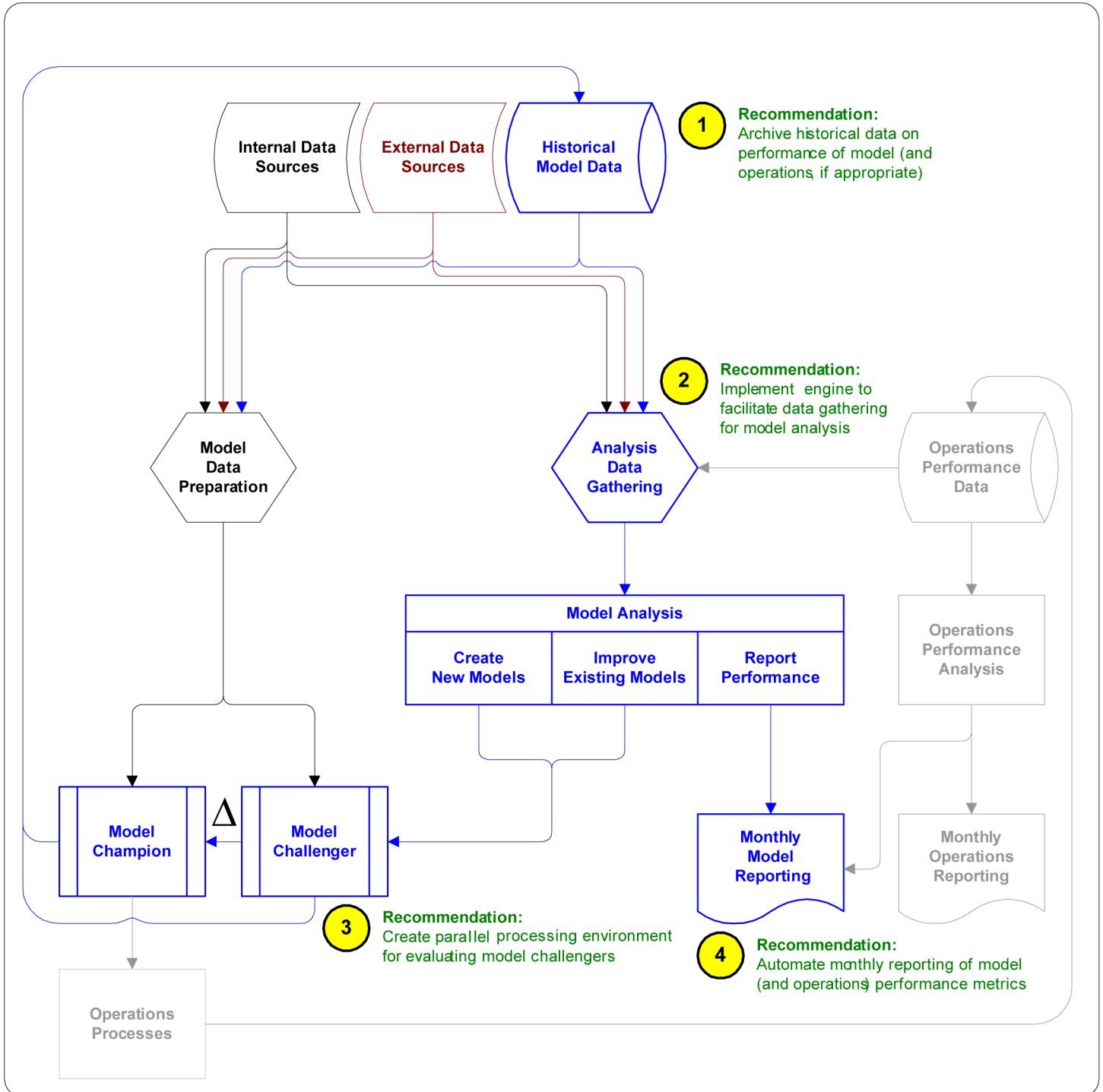# 360 Degree Analytics

360 Degree Analytics means not only providing information derived from the model, but also information on the model's performance. Common challenges to improving the model include the following:

1) Historical data of model performance is unavailable.
2) Data gathering for analysis is prohibitively arduous.
3) Competitive models are not easily tested.
4) Routine repetitive tasks are not automated.

Internal Data Sources

External Data Sources

Historical Model Data

1 Recommendation: Archive historical data on performance of model (and operations, if appropriate)

Model Data Preparation

Analysis Data Gathering

2 Recommendation: Implement engine to facilitate data gathering for model analysis

Operations Performance Data

Model Analysis

Create New Models | **Improve Existing Models** | **Report Performance**

Operations Performance Analysis

Model Champion

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Model Challenger

Monthly Model Reporting

Monthly Operations Reporting

3 Recommendation: Create parallel processing environment for evaluating model challengers

4 Recommendation: Automate monthly reporting of model (and operations) performance metrics

Operations Processes