What-If Scenario Workflow (Soft vs Hard Brexit)

Input: Hybrid_Forecasts_prediction.xlsx
Sheet: Hybrid_panel
(Date, Sector, Actual, PPML_Pred, Resid_Best, Hybrid_Pred)

Soft Brexit Shock
$\theta = 0.02$ (+2% of PPML_Pred)
Hybrid_Soft

Hard Brexit Shock
$\theta = 0.07$ (+7% of PPML_Pred)
Hybrid_Hard

Scenario Forecasts Constructed
(Date, Sector, Hybrid_Soft, Hybrid_Hard)

Evaluation on Test Horizon (2021–2023)
• RMSE, MAE, MAPE
per Scenario & Sector

Output: Hybrid_WhatIf_Scenarios.xlsx
• Baseline
• Soft_Brexit
• Hard_Brexit
• Scenario_Metrics
• Chosen_models