

# Automation process

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This document describes the automation process step-by-step.

1. Import market data into reference model
  - i. Merge model elements from master model
  - ii. Import calendars
  - iii. Import observations
2. Import production model
  - i. Create bank model
  - ii. Import master model elements
  - iii. Import contracts
  - iv. Import new production
3. Run solves and export results ( `[res].[P_Load_Model_Master]` )
  - i. Run static analyses
    - a. `Regulatory EVE`
    - b. `Fixing Gap`
    - c. `Cash Flow Calculation`
    - d. `DoE`
    - e. `Fixing Gap Portfolio Level`
  - ii. Run dynamic analyses
    - a. `NII`
    - b. `Liquidity Projection`
    - c. `Survival Horizon`
    - d. `Dynamic LCR`
    - e. `Dynamic NSFR`
    - f. `Dynamic LR`
4. Historisation
  - i. Run static solve `Historization` on production model
  - ii. Run rollup solve on historisation model
    - a. `Daily rollup`
    - b. `Monthly rollup`
    - c. `Monthly_NII_Rollup_<MM>_<YYYY>`
5. Maintenance
  - i. Run clean rollup solve `Daily purge` on historisation model
  - ii. Delete models older than `n` days
  - iii. Send end-of-process emails ( `[res].[P_Send_Validation_Mail]` )