# Portfolio Optimization Refresh Guide

## 1. Update Historical Price Data (Portfolio Data tab)

Open the “Portfolio Data” tab. If the prices were downloaded using Power Query or a data connection, go to the Data tab and click Refresh All to re-fetch the latest data (for example, from Yahoo Finance). If prices are entered manually or linked to a Python script, rerun the script and paste updated data into the sheet.

## 2. Recalculate Formulas (Portfolio Optimization tab)

Go to the “Portfolio Optimization” tab. Press F9 or go to Formulas > Calculate Now to refresh all formulas. Ensure that updated price data flows through to optimization metrics such as returns, volatility, and correlation.

## 3. Run Solver

In the “Portfolio Optimization” tab, go to the Data tab and click Solver. If Solver is not visible, enable it via File > Options > Add-ins > Solver Add-in. Check the Solver setup: set the objective (such as minimizing variance or maximizing the Sharpe ratio), specify the variable cells (typically portfolio weights), and apply any constraints (such as weights summing to 1 and disallowing negative values). Click Solve and accept the solution if results are satisfactory.