1. Copy the files in “Copy to Synthetic\_streamflows” to the folder “Synthetic\_streamflows” and Copy the files in “Copy to Historical\_weather\_analysis” to folder “Synthetic\_weather”.
2. Run data\_extract.py to extract data within a given range of time period.
3. Run cal\_cov.py to calculate the covariance and residuals of temperature and windspeed.
4. Run the synthetic\_temp\_wind function in stochastic\_engine.py.
5. and then run the synthetic\_streamflow function in stochastic\_engine.py