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# create an initial ensemble
ens_size = 20
initial_ensemble = model.create_initial_ensemble(ensemble_size=ens_size , ensemble_from_repo=True)

# create filter object
from EnKF import DEnKF
denkf_filter_configs = dict(model=model ,
                             analysis_ensemble=initial_ensemble ,
                             ensemble_size=ens_size ,
                             inflation_factor=1.06 ,
                             localize_covariances=True ,
                             localization_method='covariance_filtering' ,
                             localization_radius=12 ,
                             localization_function='Gaspari-Cohn')
denkf_filter = DEnKF(filter_configs=denkf_filter_configs , output_configs=dict(file_output_moment_only=False))
```