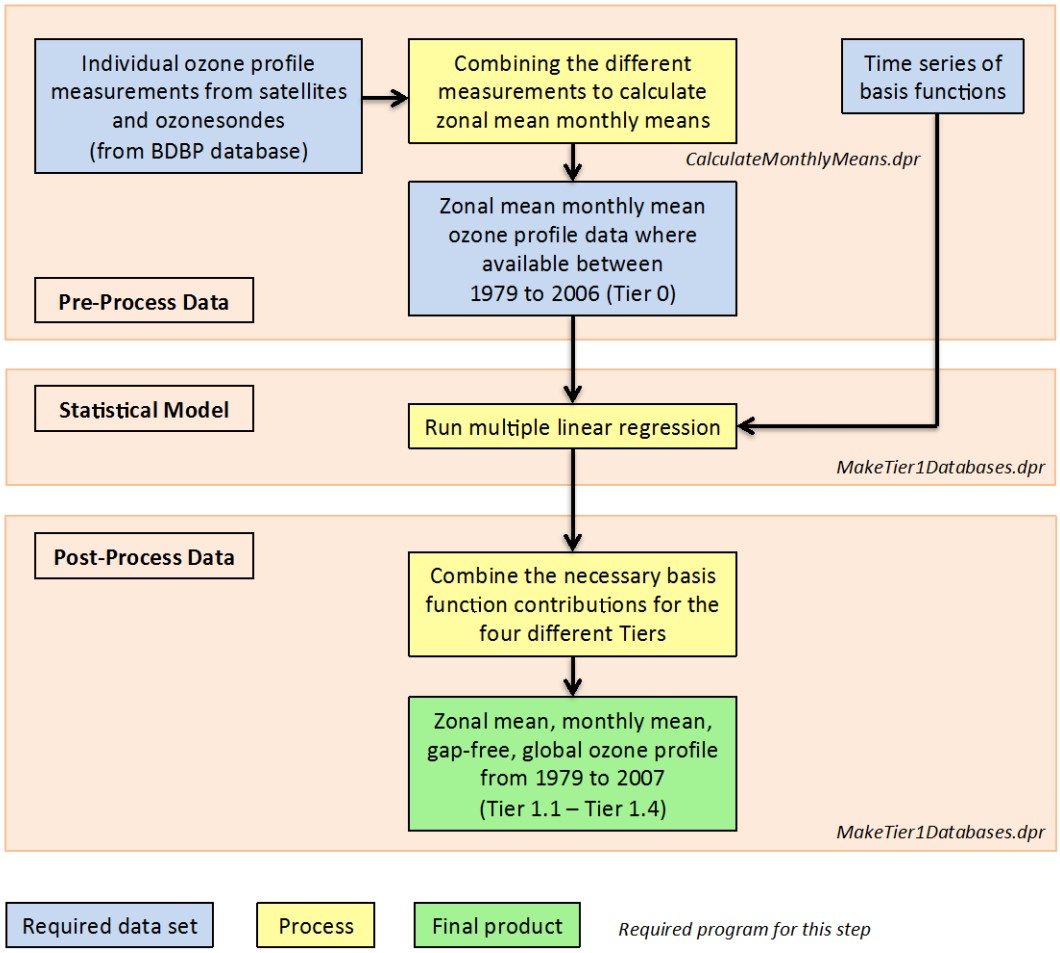
Individual ozone profile measurements from satellites and ozonesondes (from BDBP database)
Combining the different measurements to calculate zonal mean monthly means
Time series of basis functions
CalculateMonthlyMeans.dpr
Zonal mean monthly mean ozone profile data where available between 1979 to 2006 (Tier 0)
Pre-Process Data
Statistical Model
Run multiple linear regression
MakeTier1Databases.dpr
Post-Process Data
Combine the necessary basis function contributions for the four different Tiers
Zonal mean, monthly mean, gap-free, global ozone profile from 1979 to 2007 (Tier 1.1 – Tier 1.4)
MakeTier1Databases.dpr
Required data set
Process
Final product
Required program for this step