Register image and CT data
Extruded surface from landmarks placed on sparse slices
Landmarks placed sparsely on a few slices can be automatically extruded to generate a complete surface representing the desired features.
Annotations placed on "atlas brain" can be mapped onto other brain surfaces with minimal user intervention.
Registration of image and volume data supports analysis of combined data.
Surface features such as sulci and gyri are classified based on curvature. Regions are grouped together to form larger patches. These patches can be related to each other allowing the mapping or morphing of features.
Curvature estimates permit the quantification of surface features.

Mapping sulci and gyri using feature classification based on curvature.


http://graphics.idav.ucdavis.edu