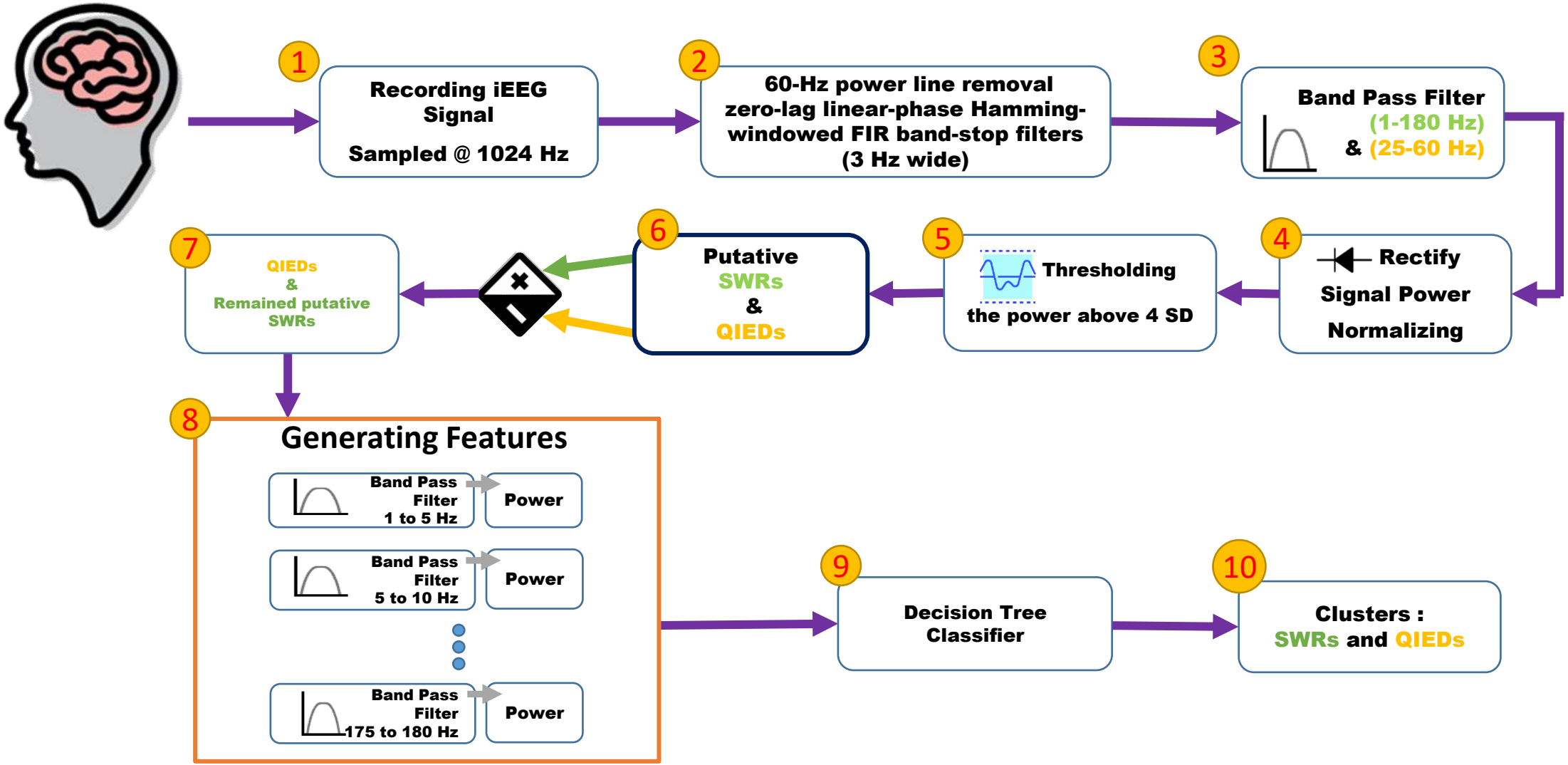
1
Recording iEEG Signal
Sampled @ 1024 Hz
2
60-Hz power line removal
zero-lag linear-phase Hamming-windowed FIR band-stop filters
(3 Hz wide)
3
Band Pass Filter
(1-180 Hz)
& (25-60 Hz)
4
Rectify
Signal Power
Normalizing
5
Thresholding
the power above 4 SD
6
Putative
SWRs
&
QIEDs
7
QIEDs
&
Remained putative
SWRs
8
Generating Features
Band Pass Filter 1 to 5 Hz
Power
Band Pass Filter 5 to 10 Hz
Power
Band Pass Filter 175 to 180 Hz
Power
9
Decision Tree Classifier
10
Clusters :
SWRs and QIEDs