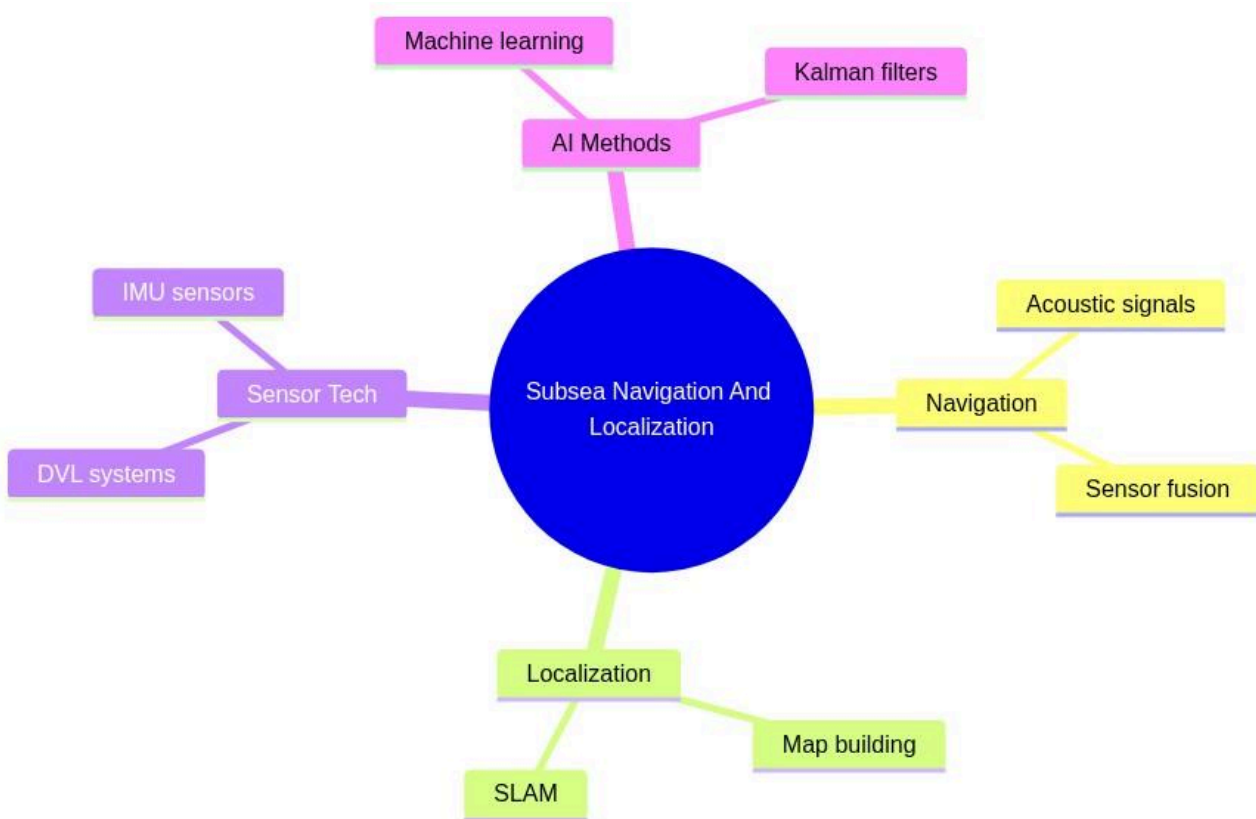


Advanced Certificate in Subsea Robotics and AI

Subsea Navigation And Localization



```

mindmap
  root((Subsea Navigation And Localization))
    Navigation
      Acoustic signals
      Sensor fusion
    Localization
      Map building
      SLAM
    Sensor Tech
      DVL systems
      IMU sensors
    AI Methods
      Machine learning
      Kalman filters
  
```