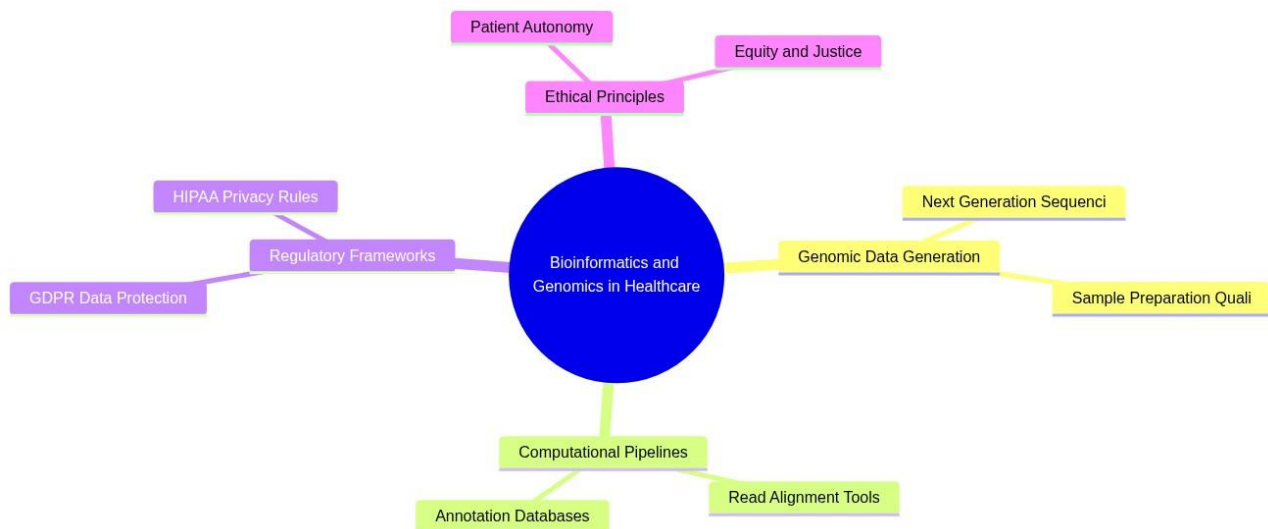


Master Certificate in Genomic Data Regulation and Ethics

Bioinformatics and Genomics in Healthcare



mindmap

```
root((Bioinformatics and Genomics in Healthcare))
  Genomic Data Generation
    Next Generation Sequenci
    Sample Preparation Quali
  Computational Pipelines
    Read Alignment Tools
    Annotation Databases
  Regulatory Frameworks
    GDPR Data Protection
    HIPAA Privacy Rules
  Ethical Principles
    Patient Autonomy
    Equity and Justice
```