Hereditary Disease Susceptibility Prediction

* Hereditary disease such as cancer, BP are mostly inherited.
* Individuals inherit genes from parents
* GWAS provide genetic variations that may lead to particular disease.
* GWAS data for various diseases is widely available
* Collect GWAS data from a large set of individuals.
* Find a target individuals genomic data
* Check if the individual genomic data contains SNPs from the GWAS data
* If yes compute the likely hold of the individual to suffer from the disease.