

SickSense

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Patient Demographics

Name	Eshaan Vimal	Phone	1234566789
Email	eshaan.vimal@somaiya.edu	BMI	23.89
Past Illness	None	Present Medication	None

Disease Risk Analysis

Disease Name	Disease Description	Polygenic Risk Score	Disease Risk
Coronary Artery Disease	Coronary artery disease (CAD), also known as coronary heart disease or ischemic heart disease, is a common condition that occurs when the arteries supplying blood to the heart become narrowed or blocked.	36.1355	51.49%
Ischemic Stroke	An ischemic stroke is a type of stroke that occurs when a blood vessel in the brain becomes blocked, preventing blood flow to the brain.	15.1567	57.98%

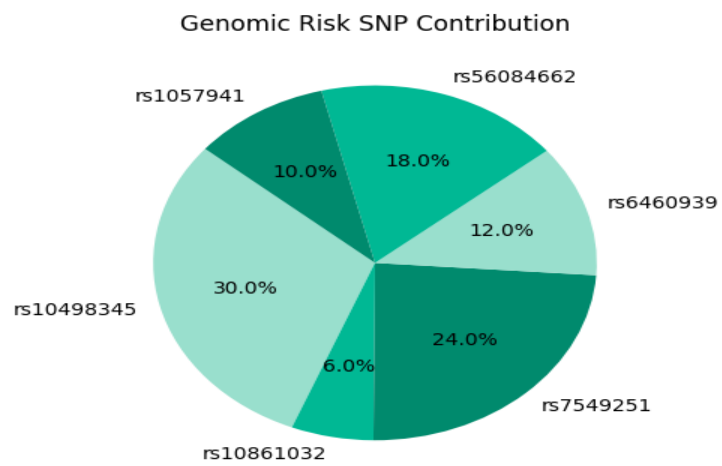
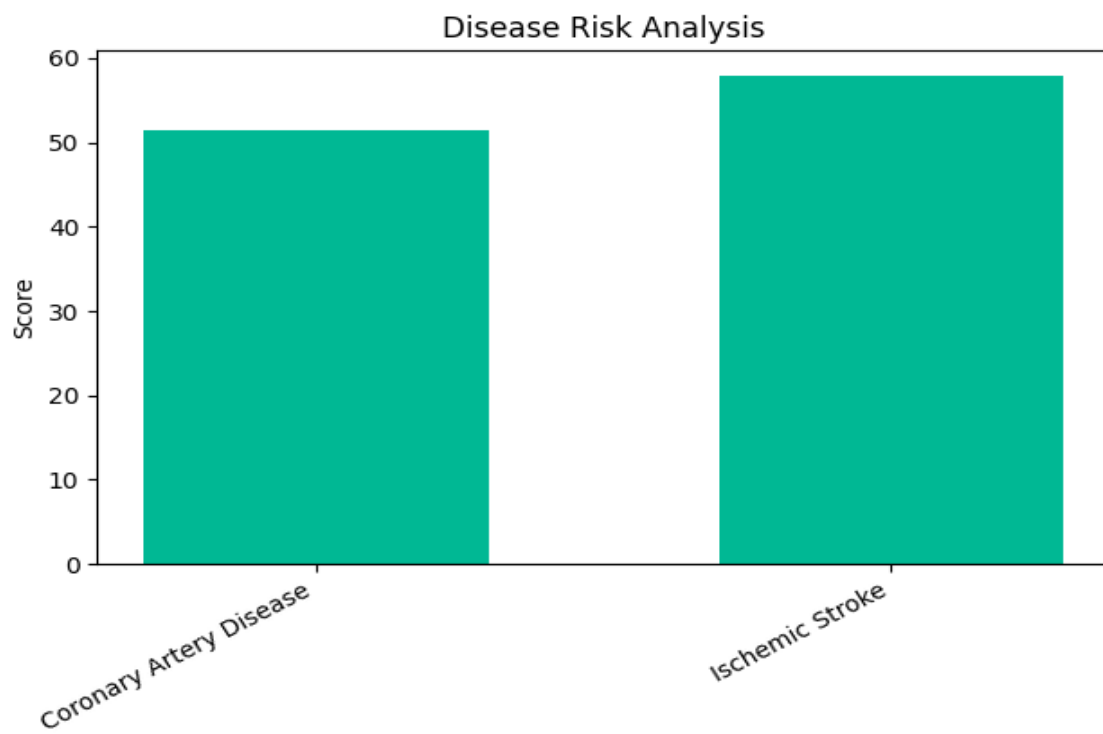
Drug Efficacy Analysis

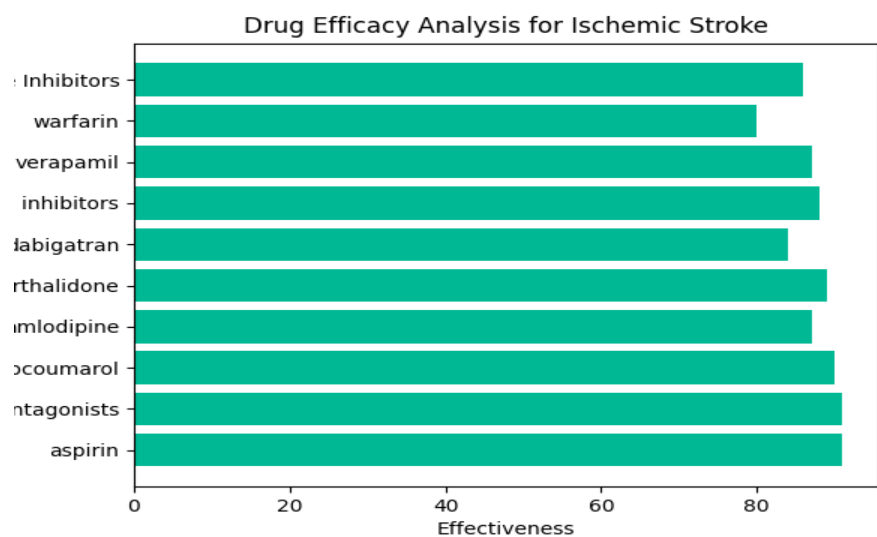
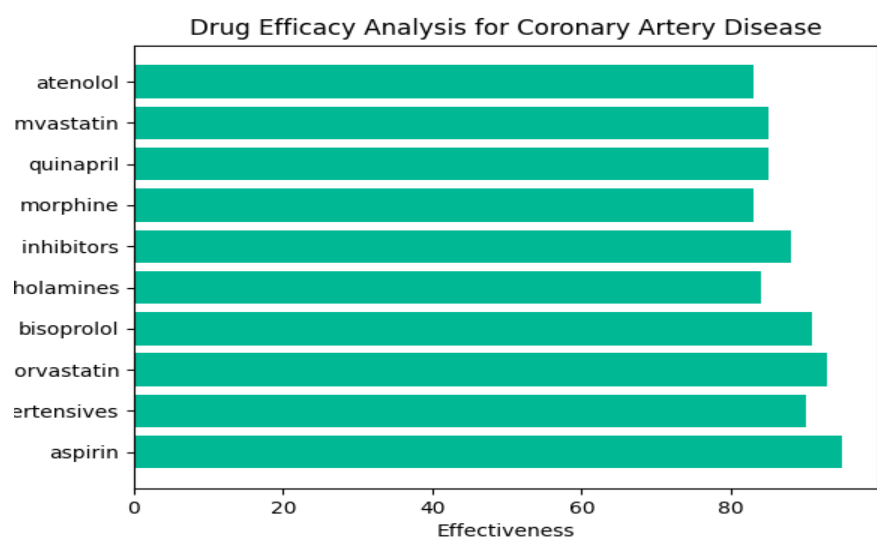
Disease Name	Most Effective Drug	Dosage	Other Options
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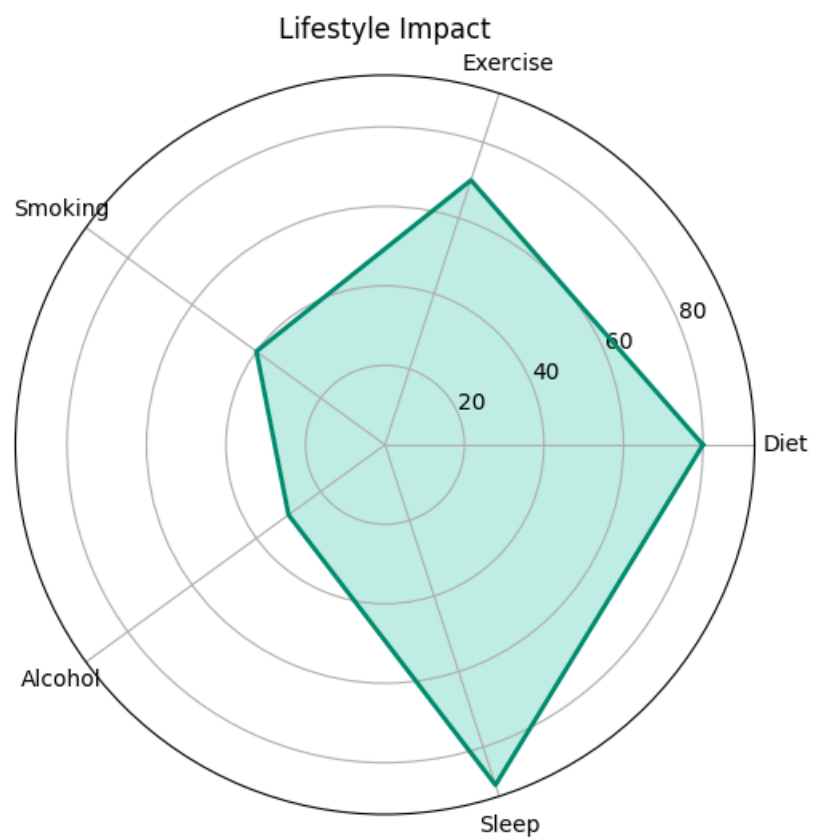
Coronary Artery Disease	aspirin	Initial dose of 162-325 mg once, maintenance dose of 75-100 mg daily for lifelong duration.	Antihypertensives, atorvastatin, bisoprolol, catecholamines, hmg coa reductase inhibitors, morphine, quinapril, simvastatin, atenolol, glatiramer acetate, rosuvastatin, Ace Inhibitors, Plain, Platelet aggregation inhibitors excl. heparin, perindopril, pravastatin, verapamil, Beta Blocking Agents, clopidogrel
Ischemic Stroke	aspirin	Initial dose of 60-125 mg once, maintenance dose of 50-65 mg daily for lifelong duration.	Vitamin K antagonists, acenocoumarol, amlodipine, chlorthalidone, dabigatran, hmg coa reductase inhibitors, verapamil, warfarin, Ace Inhibitors, Plain, Antihypertensives, Enzymes, Platelet aggregation inhibitors excl. heparin, hormonal contraceptives for systemic use, vitamin b12 and folic acid, clopidogrel

Lifestyle Changes

Disease Name	Symptoms	Present Lifestyle	Lifestyle Changes
Coronary Artery Disease	Symptoms of Coronary Artery Disease include chest pain, shortness of breath, palpitations, dizziness, nausea, sweating.	Unhealthy diet, Lack of exercise, Excessive alcoholism	Exercise regularly, Follow a heart-healthy diet, Manage stress through relaxation techniques, Quit smoking, Monitor and control blood pressure
Ischemic Stroke	Symptoms of Ischemic Stroke include numbness, weakness, confusion, speech problems, vision problems, balance problems, severe headache.	Unhealthy Diet, Lack of Exercise	Control blood pressure, Quit smoking, Exercise regularly, Follow a balanced diet low in saturated fats, Limit alcohol consumption







Disclaimer: This is a preliminary diagnosis, consult your doctor before taking any medical decisions.
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