**SymptomIQ**

**Objective:** Provide a tool for the general public to assess their health risks based on inputs like symptoms, lifestyle, and medical history.

**Data\_Features:**

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| Skin-Related Symptoms | itching, skin\_rash, nodal\_skin\_eruptions, patches\_in\_throat, drying\_and\_tingling\_lips, brittle\_nails, swollen\_extremities, blackheads, scurring, skin\_peeling, silver\_like\_dusting, small\_dents\_in\_nails, inflammatory\_nails, blister, red\_sore\_around\_nose, yellow\_crust\_ooze |
| Respiratory Symptoms | continuous\_sneezing, cough, breathlessness, phlegm, throat\_irritation, sinus\_pressure, runny\_nose, congestion, chest\_pain, blood\_in\_sputum, mucoid\_sputum, rusty\_sputum |
| Fever and Temperature-Related | shivering, chills, high\_fever, mild\_fever, sunken\_eyes, sweating, toxic\_look\_(typhos) |
| Gastrointestinal Symptoms | stomach\_pain, acidity, ulcers\_on\_tongue, vomiting, indigestion, constipation, abdominal\_pain, diarrhoea, nausea, loss\_of\_appetite, belly\_pain, distention\_of\_abdomen, pain\_during\_bowel\_movements, pain\_in\_anal\_region, bloody\_stool, irritation\_in\_anus, passage\_of\_gases, internal\_itching, foul\_smell\_of urine, burning\_micturition, spotting\_urination, continuous\_feel\_of\_urine |
| Musculoskeletal Symptoms | joint\_pain, muscle\_wasting, back\_pain, neck\_pain, knee\_pain, hip\_joint\_pain, muscle\_weakness, stiff\_neck, swelling\_joints, movement\_stiffness, painful\_walking, prominent\_veins\_on\_calf, cramps, bruising, weakness\_in\_limbs |
| Neurological and Mental Health | fatigue, restlessness, lethargy, anxiety, mood\_swings, depression, irritability, loss\_of\_balance, unsteadiness, weakness\_of\_one\_body\_side, loss\_of\_smell, spinning\_movements, altered\_sensorium, lack\_of\_concentration, visual\_disturbances, slurred\_speech, coma |
| Weight and Metabolic Changes | weight\_gain, weight\_loss, obesity, irregular\_sugar\_level, increased\_appetite, polyuria |
| Cardiovascular Symptoms | fast\_heart\_rate, palpitations, cold\_hands\_and\_feets, swollen\_legs, swollen\_blood\_vessels, puffy\_face\_and\_eyes, enlarged\_thyroid |
| Eye and Vision Symptoms | redness\_of\_eyes, yellowish\_skin, yellowing\_of\_eyes, watering\_from\_eyes |
| Urinary and Kidney Symptoms | burning\_micturition, spotting\_urination, foul\_smell\_of urine, continuous\_feel\_of\_urine, bladder\_discomfort |
| Liver and Abdominal Symptoms | dark\_urine, acute\_liver\_failure, fluid\_overload, swelling\_of\_stomach, stomach\_bleeding, pus\_filled\_pimples |
| General Symptoms | malaise, dehydration, headache, dizziness, fever, chills, fatigue, lethargy, restlessness |
| Sexual and Reproductive | abnormal\_menstruation, extra\_marital\_contacts, history\_of\_alcohol\_consumption |
| Miscellaneous | red\_spots\_over\_body, dischromic\_patches, family\_history, receiving\_blood\_transfusion, receiving\_unsterile\_injections |

**Target:** This model is capable of recognising 41 Medical Conditions.

| **Medical Conditions** |
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| Fungal Infection |
| Allergy |
| Gerd |
| Chronic Cholestasis |
| Drug Reaction |
| Peptic Ulcer Disease |
| Aids |
| Diabetes |
| Gastroenteritis |
| Bronchial Asthma |
| Hypertension |
| Migraine |
| Cervical Spondylosis |
| Paralysis (Brain Haemorrhage) |
| Jaundice |
| Malaria |
| Chickenpox |
| Dengue |
| Typhoid |
| Hepatitis A |
| Hepatitis B |
| Hepatitis C |
| Hepatitis D |
| Hepatitis E |
| Alcoholic Hepatitis |
| Tuberculosis |
| Common Cold |
| Pneumonia |
| Dimorphic Haemorrhoids (Piles) |
| Heart Attack |
| Varicose Veins |
| Hypothyroidism |
| Hyperthyroidism |
| Hypoglycaemia |
| Osteoarthritis |
| Arthritis |
| Vertigo |
| Acne |
| Urinary Tract Infection |
| Psoriasis |
| Impetigo |