[1,5,6,-8,-9,4]====[1,5,6,0,0,4]

1

2

Query image=== black soil

1===0.3

2==0.4

3==0.15

4==0.15

0-1

**Encodings**

Soil types

0=== alluvial

1===black

2===clay

3=== red

Regions

0====Konkan

1===marathwada

2===vidarbha

3====pune

4===nashik

Random forest===ensemble type

Query===[region, soil type]

N\_estimeator===5

Dt===decision tree

Dt-1=== a1

Dt-2===a1

Dt-3===a2

Dt-4===a3

Dt-5===a4

a1==2

Features===

Category===

Machine learning algorithm

Advantages

1. Large dataset
2. Accuracy