T- test vs Z test

if Standard deviation (σ)
of population is
given

yes   **NO**

Use t test

Is the
sample
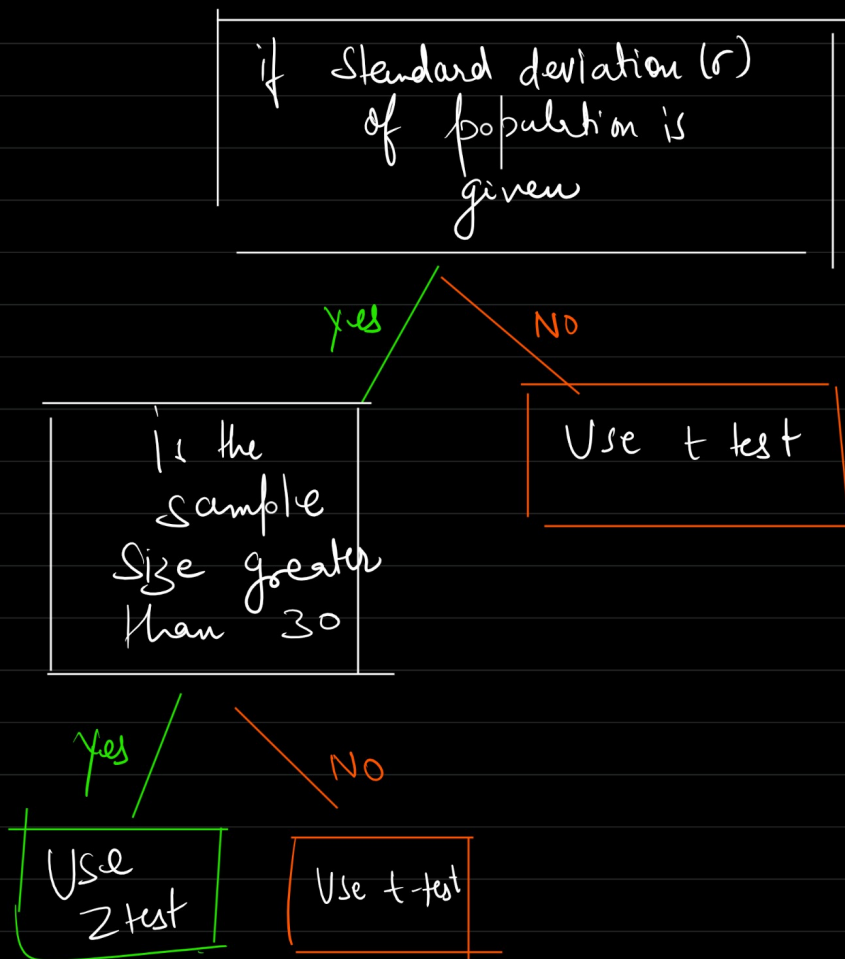Size greater
than 30

Yes   **NO**

Use
Z test   Use t-test

→ if Population standard deviation is given and
sample Size is greater than 30, then we
Use Z test, otherwise t-test.