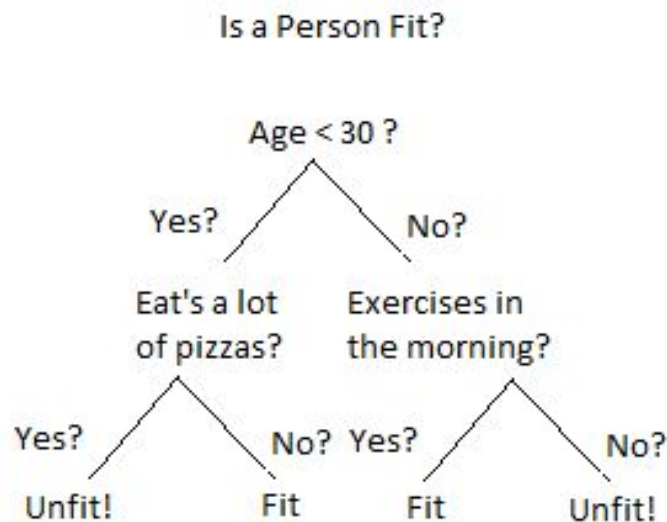


# Investor- Startup Matching

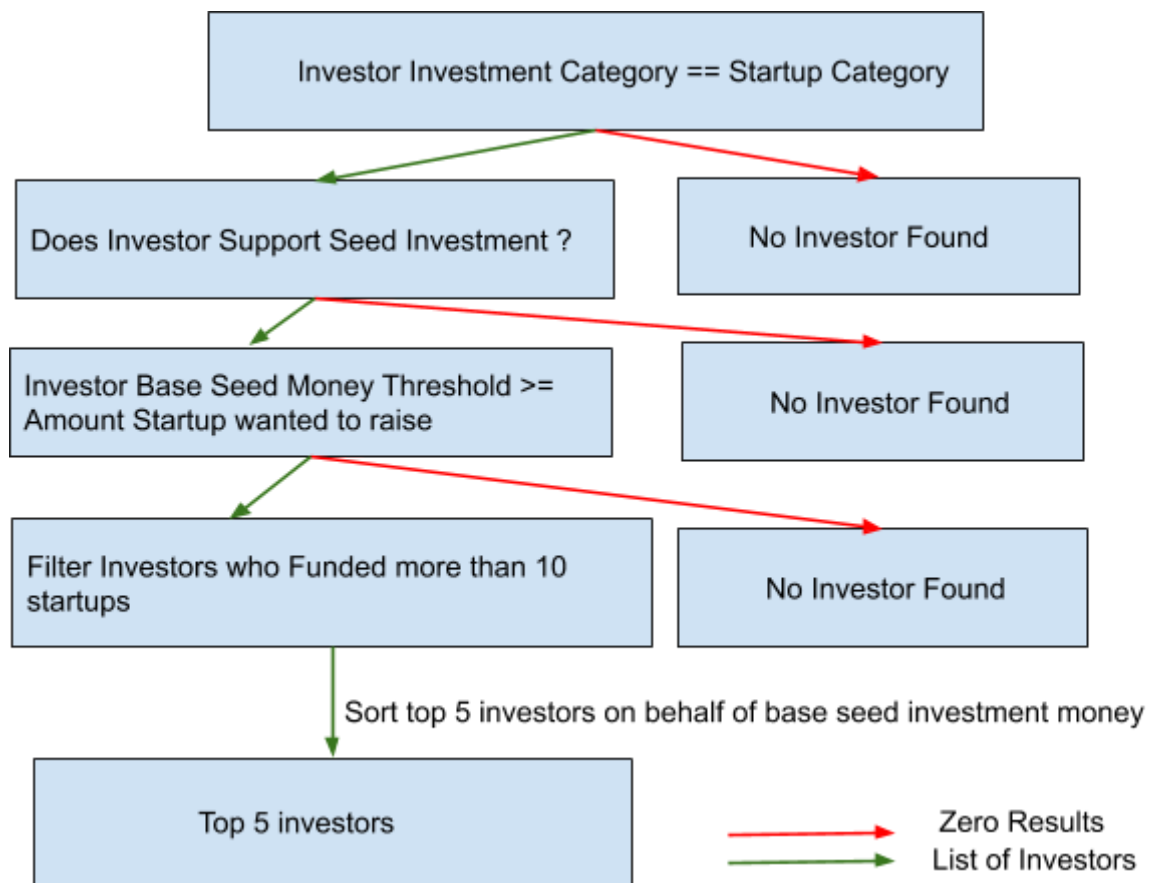
**Problem** - Given the database of investors portfolio , find five potential investors for a new startup

**Inputs** - Name, Description, Industry category and the funding amount the startup is trying to raise

## **Solutions Ideas**



1. I will try the decision tree algorithm's philosophy for filtering the potential investors.
2. Algorithm follows top to bottom execution with defining potential feature conditions at each node.
3. The importance of feature decreases from top to bottom. The top most feature is the most important of them all.
4. Two of the most important features in Task3 are
  - a. Industry category
  - b. Funding amount



## Rules Definitions

1. Investor Investment Category = Categories of startups in which investor invests

2. Investor Base Seed Money Threshold = Minimum seed money the investors fund

