

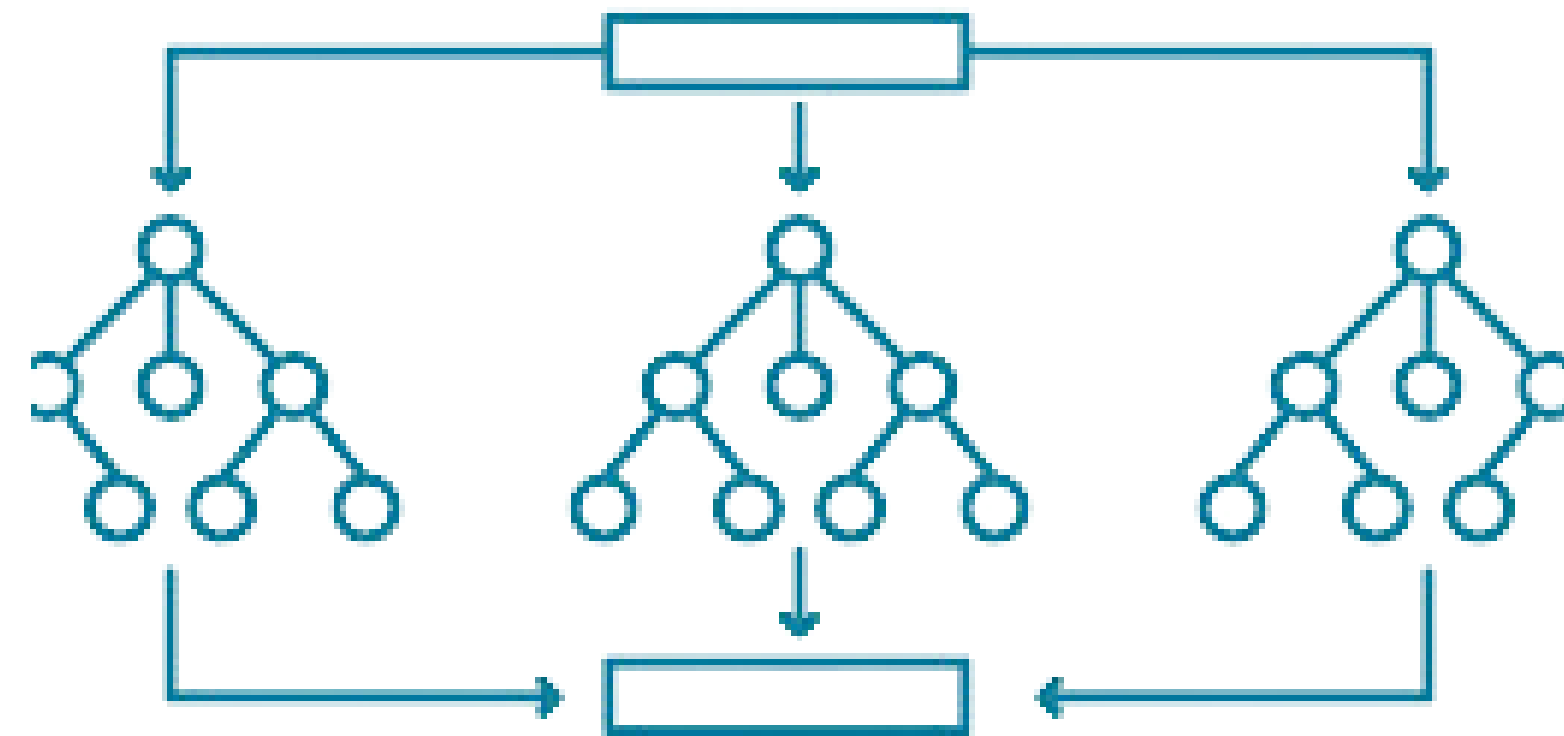


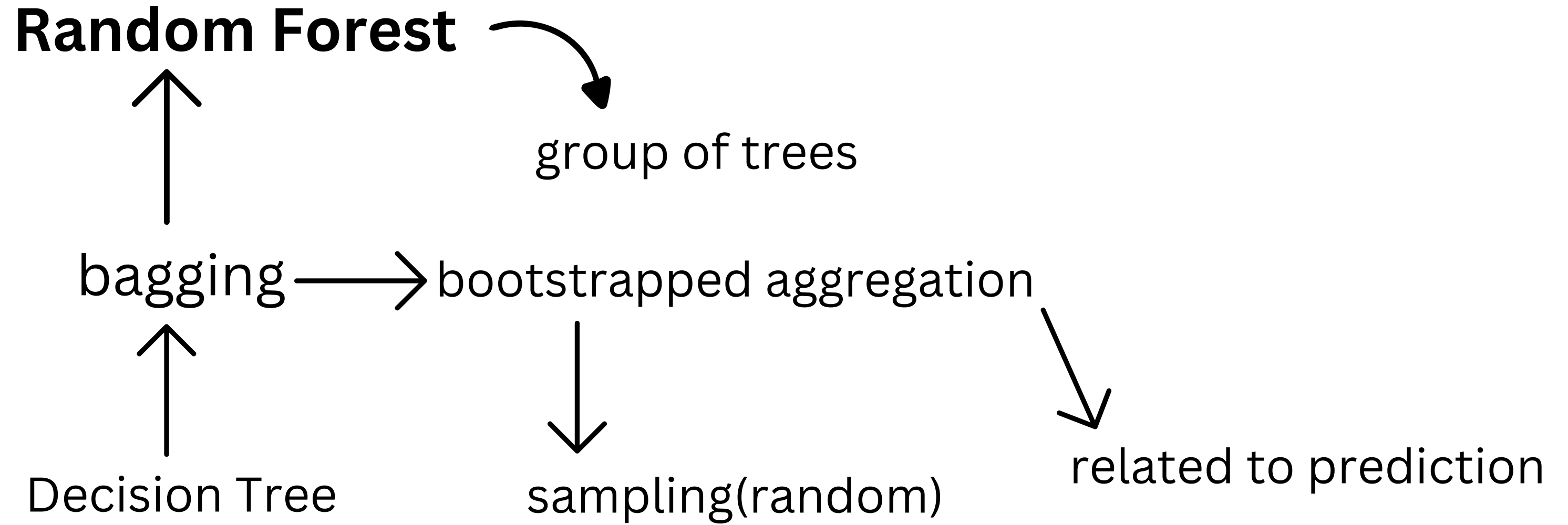
Random Forest Algorithm

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Introduction

- A combination of the output of multiple decision trees is used to reach a single result.
- It handles both classification and regression problems.
- A group learning algorithm based on bagging.





Working

D=1000 rows → Use in Samples



Every DT(nodes) will be different as samples are random and different

Types of Sampling

- Row Samples
- Column/Feature Samples
- Combination

How to take samples

- with replacement
- without replacement

After training we can say like we input some new values to check it's class(in classification)

