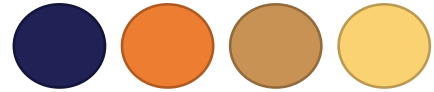
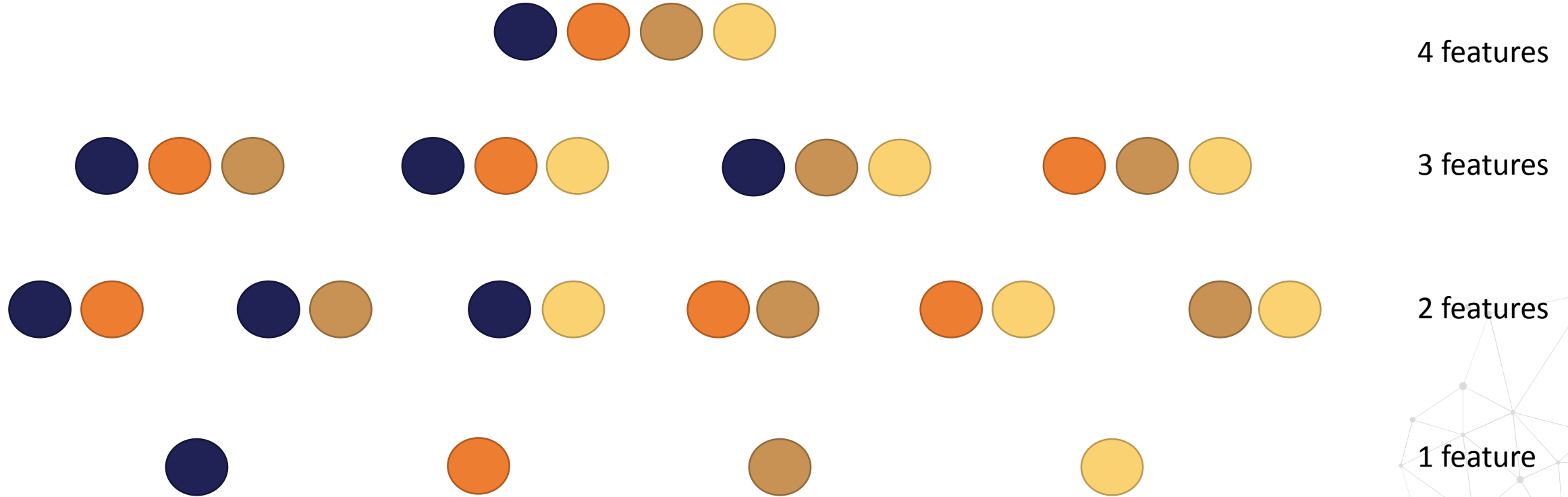


Exhaustive Feature Selection

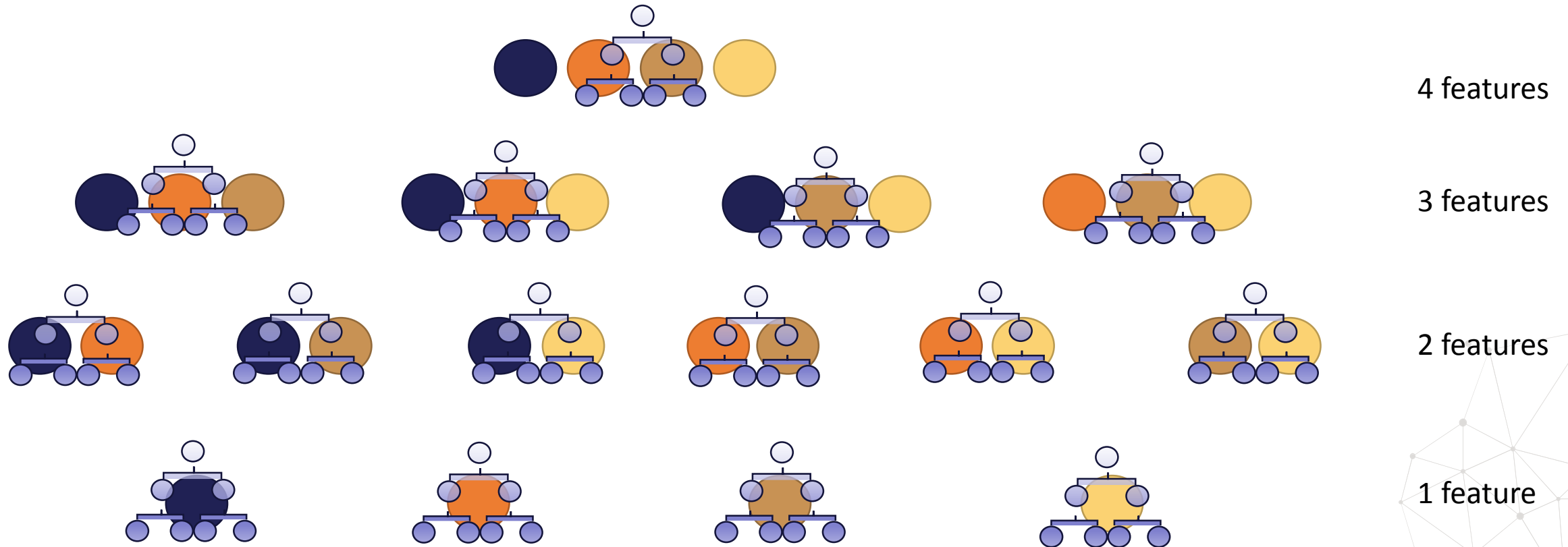
Exhaustive Feature Selection



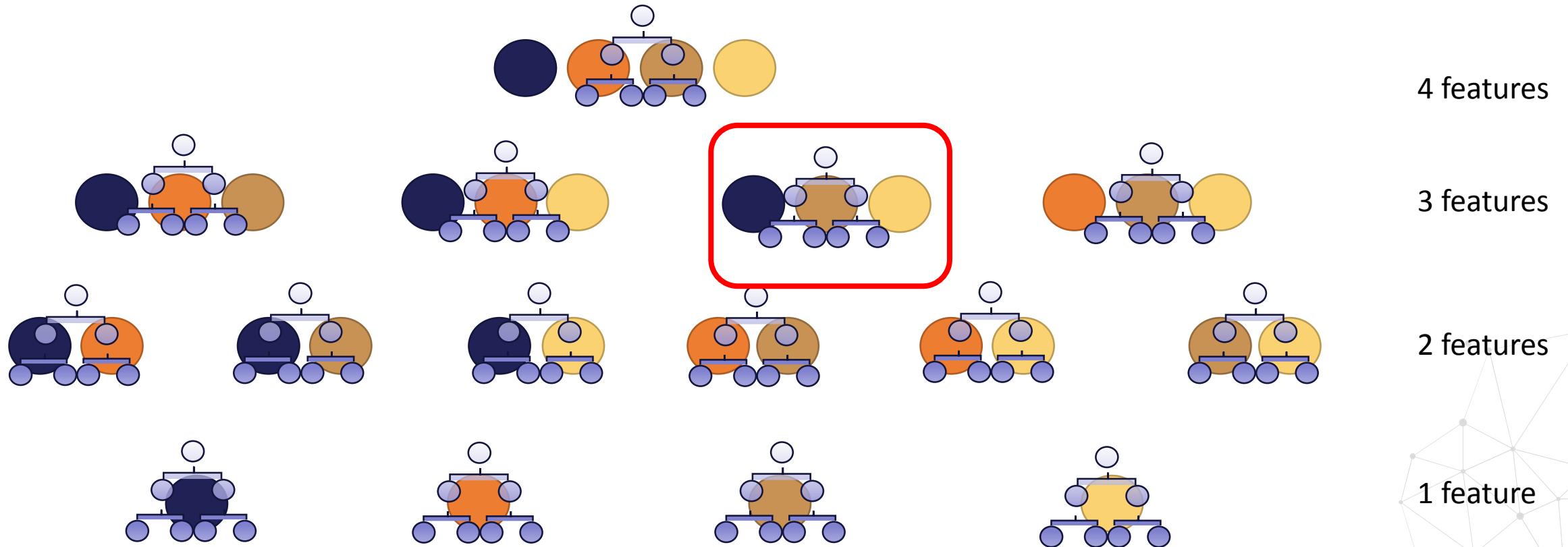
Exhaustive Feature Selection



Exhaustive Feature Selection



Exhaustive Feature Selection





In theory

- Algorithm will evaluate all combinations and determine the best subset of features



In practice

- **MLXtend: define the minimum and maximum number of features of the subsets to test**
 - ✓ If we select a minimum of 5 and a maximum of 10 features, the algorithm will evaluate all possible combinations of 5, 6, 7, 8, 9 and 10 features
 - ✓ The more features there are in the dataset, the longer the search will take

THANK YOU

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