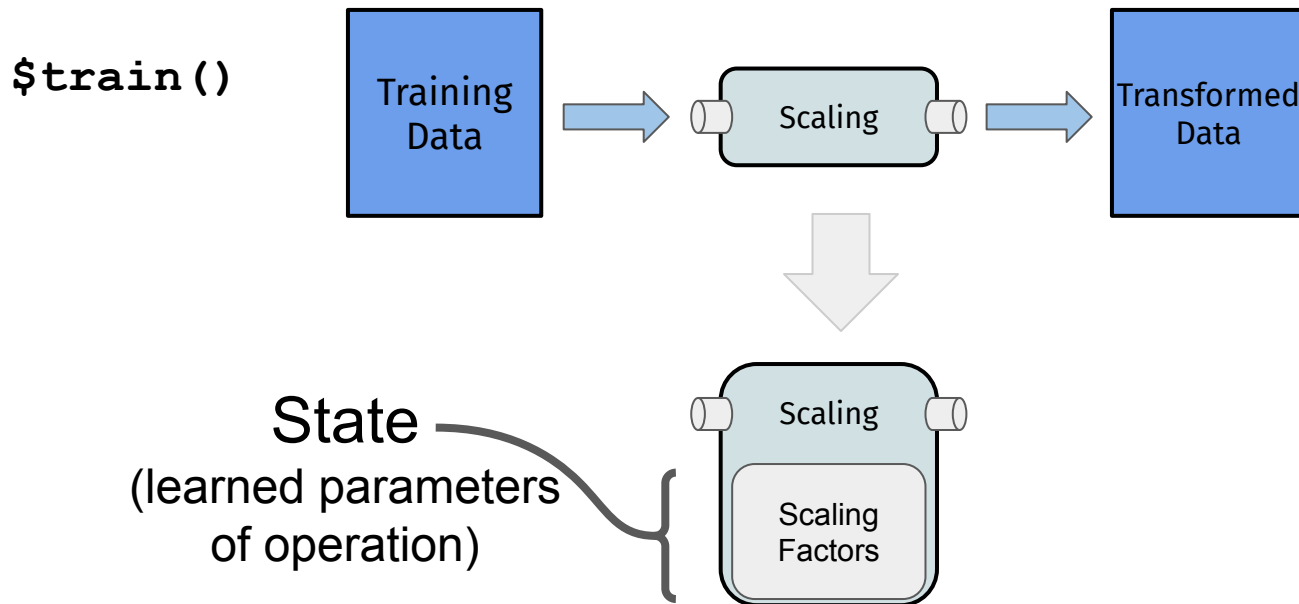
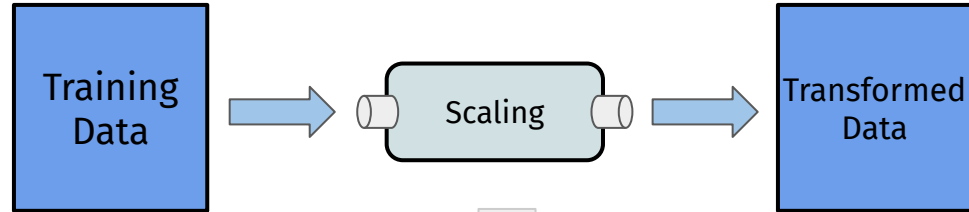


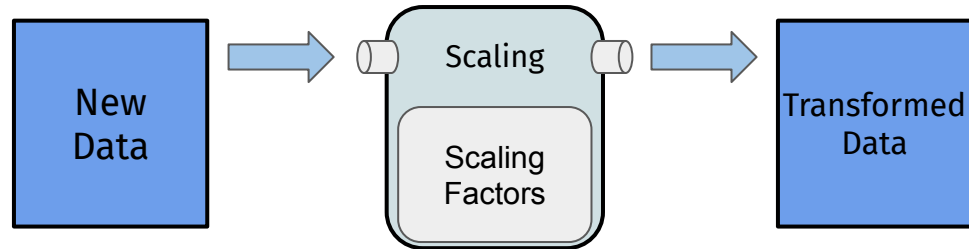
Please **do not change any of the slides**, they are directly used by the 2019 useR mlr3pipelines presentation and all presentations that inherit from that one. Instead, add new graphics at the end.

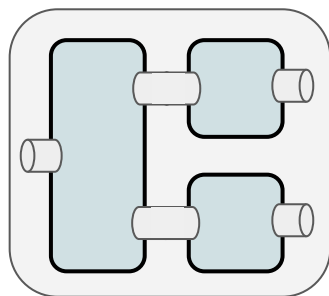


`$train()`

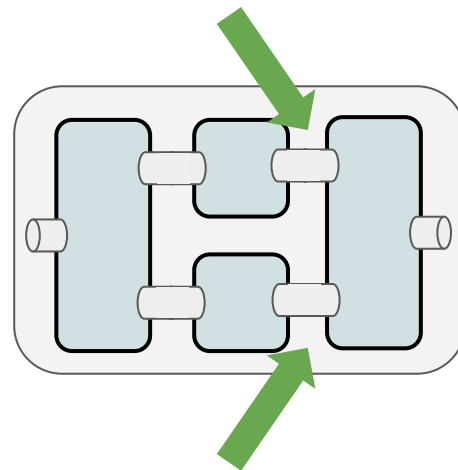
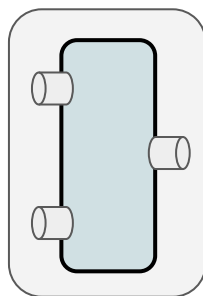


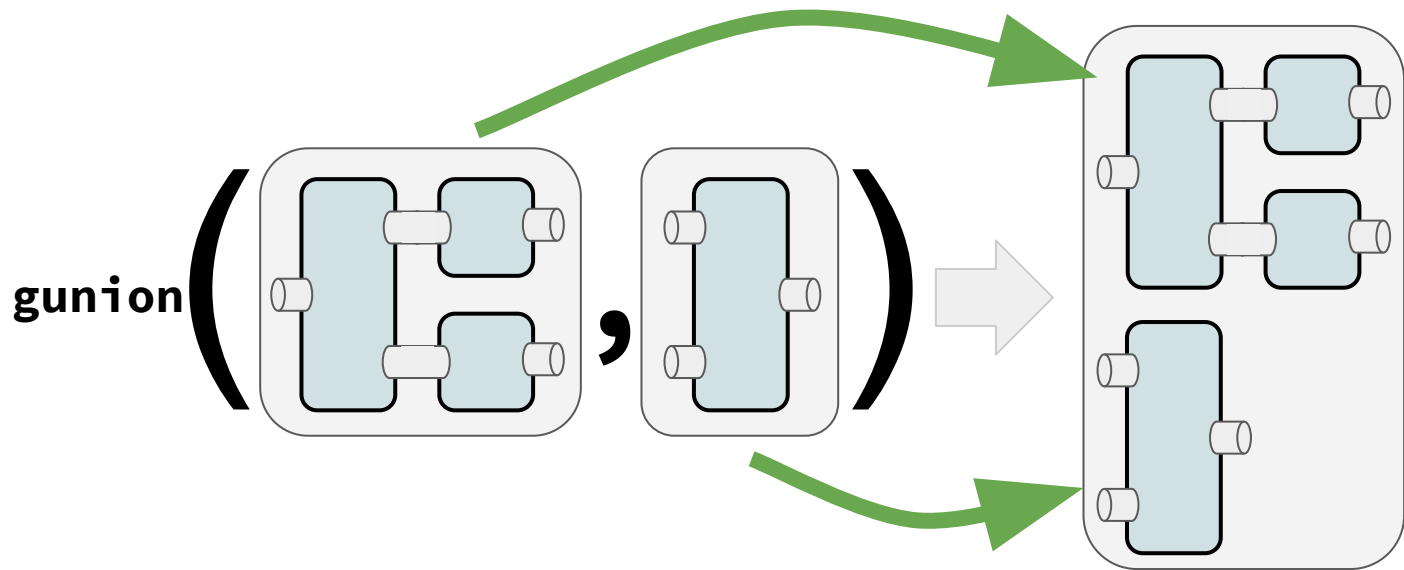
`$predict()`

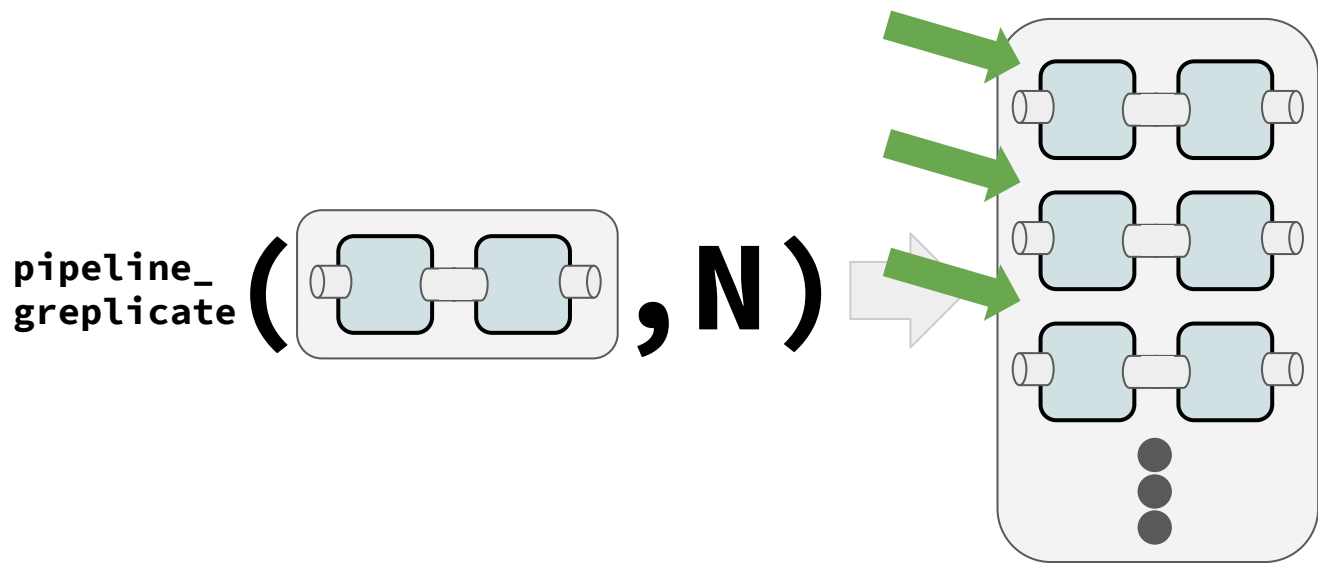


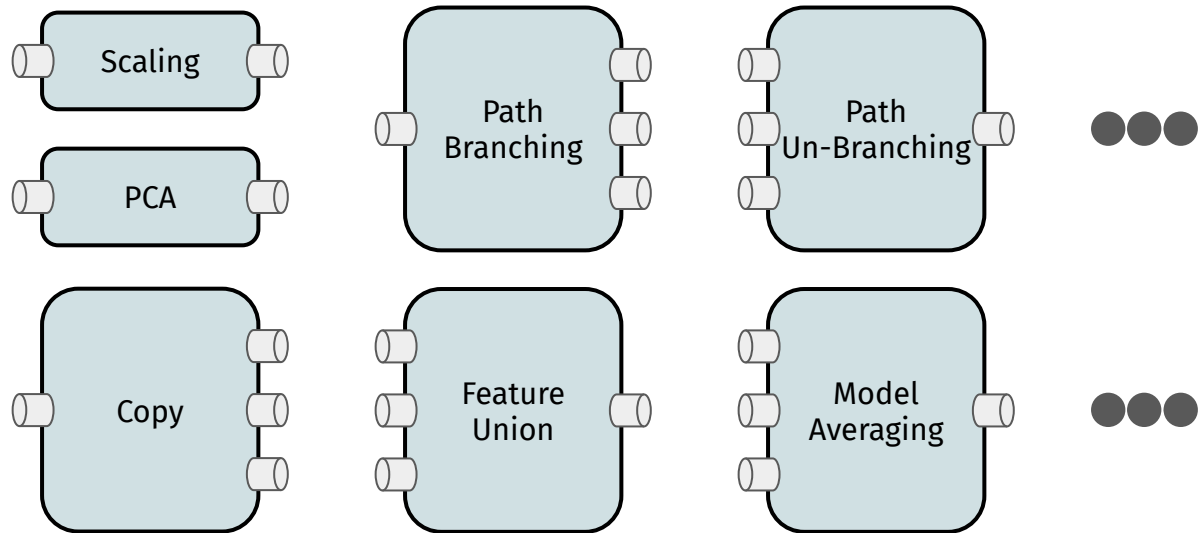


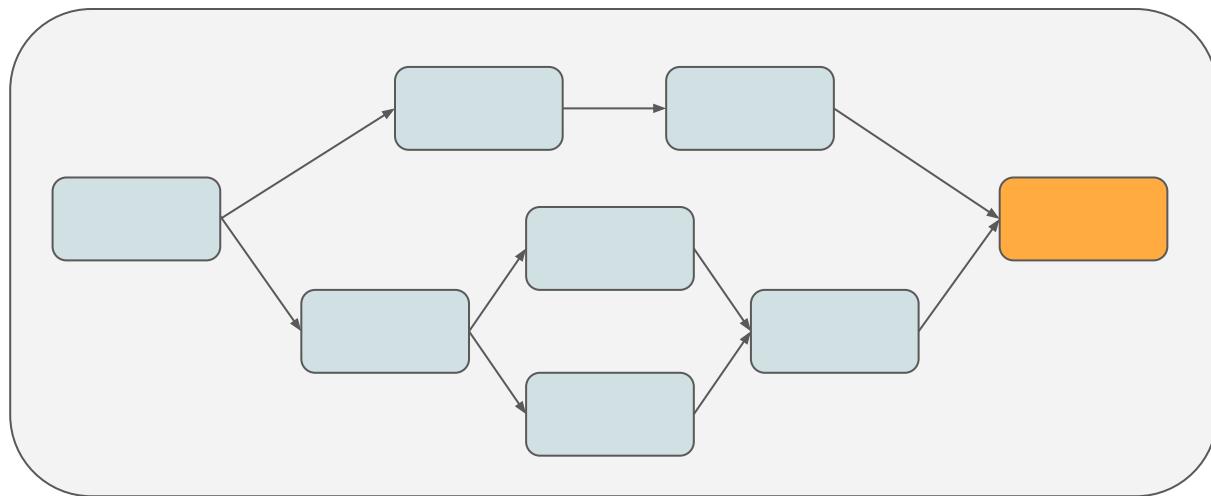
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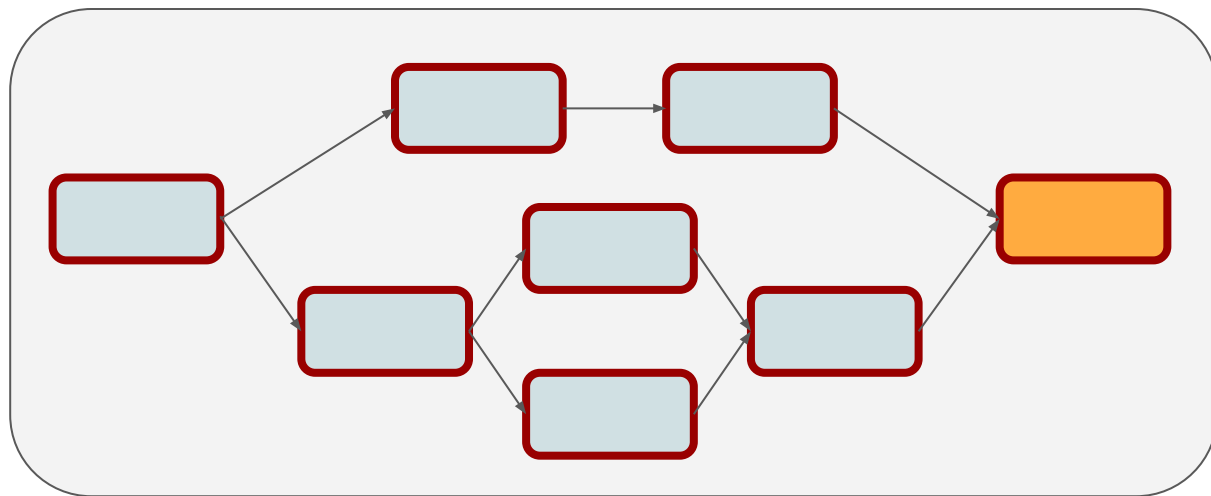


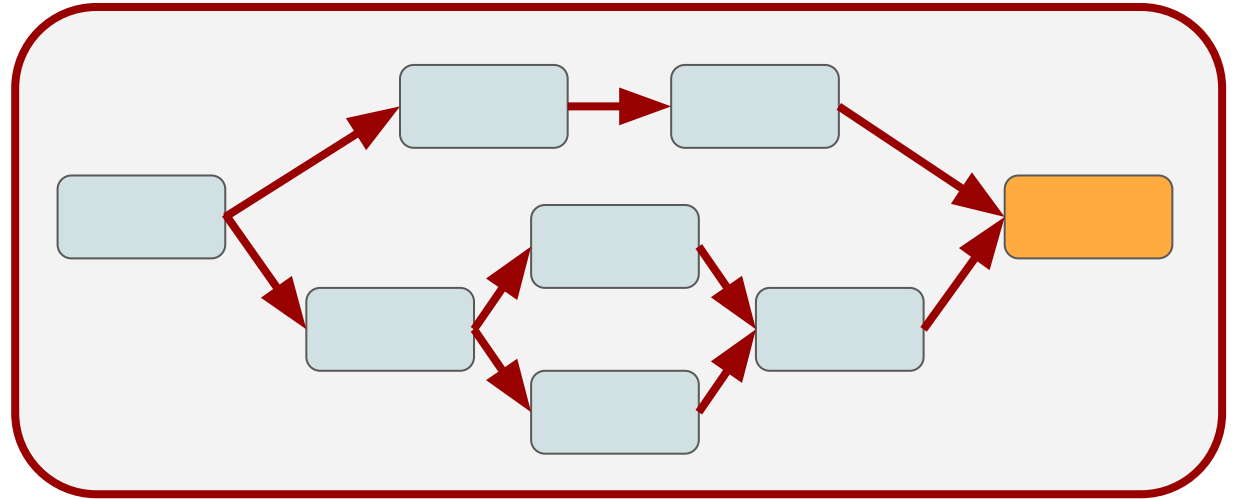


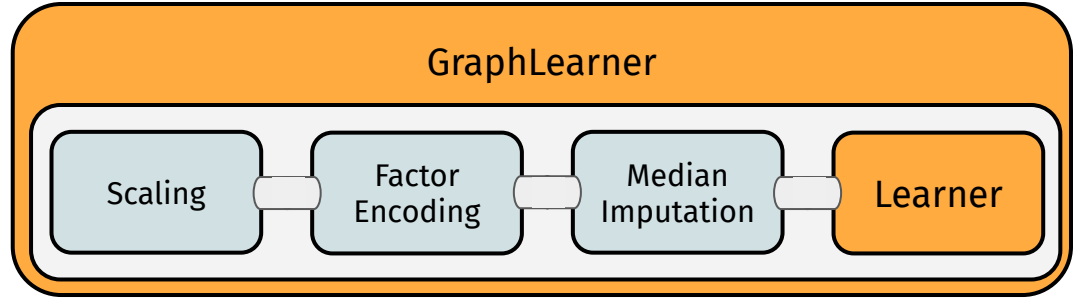


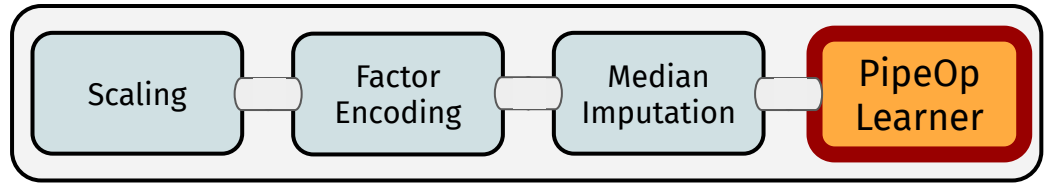


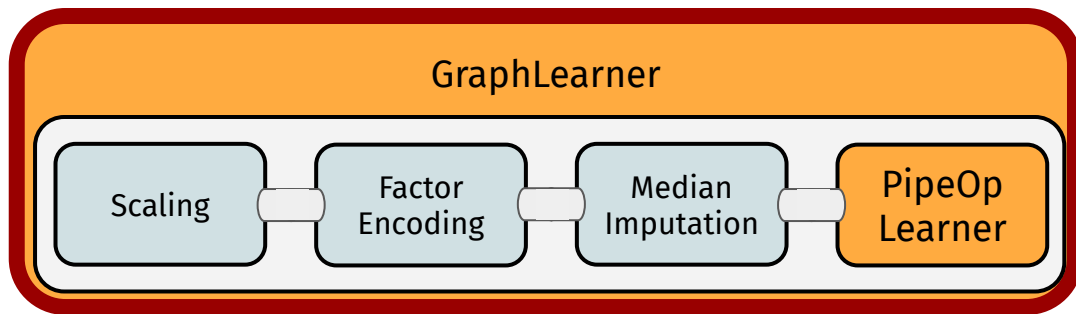


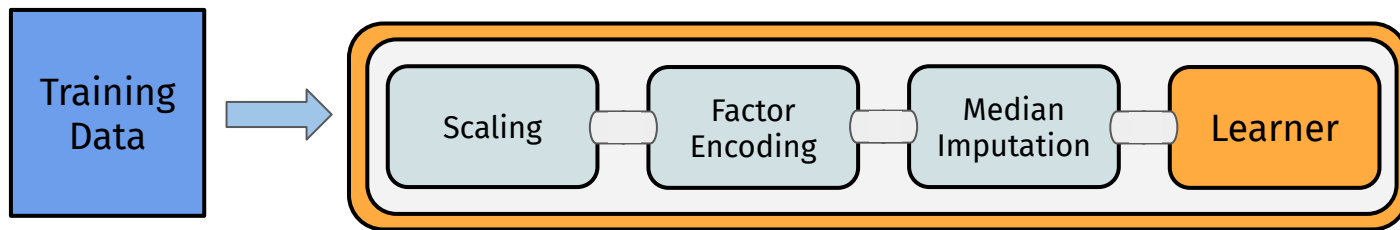


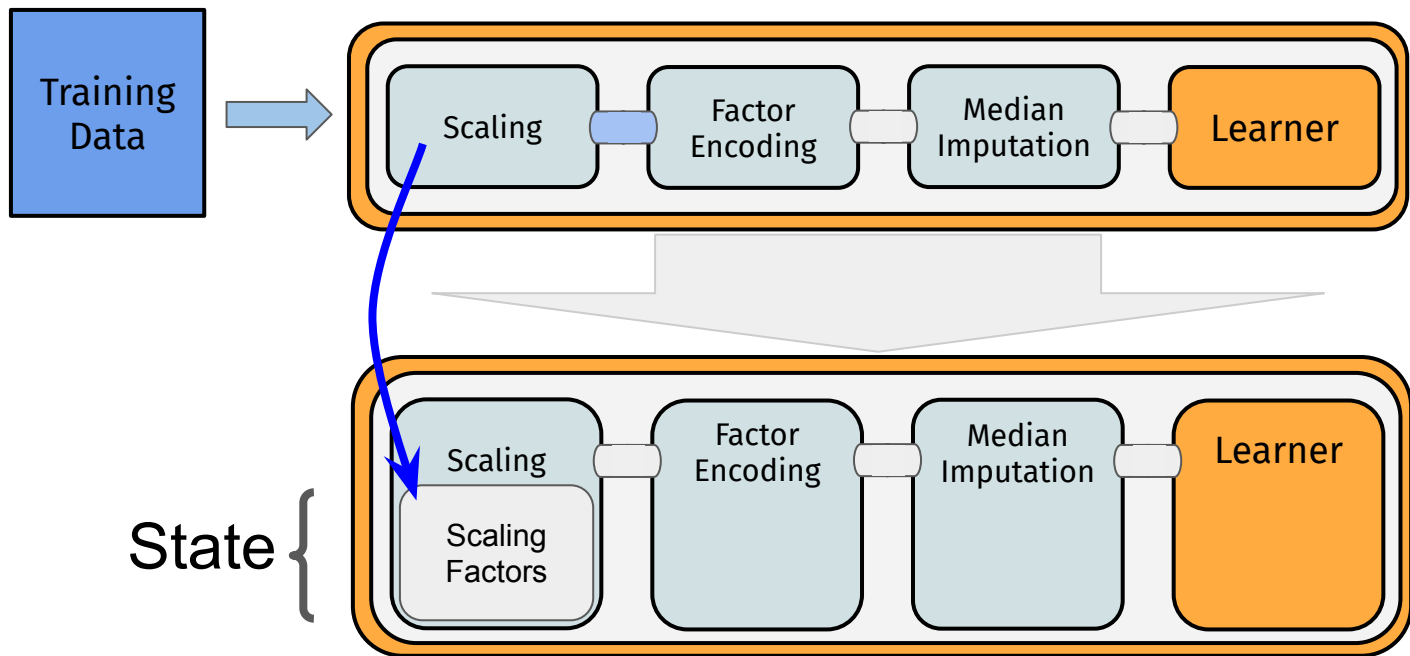


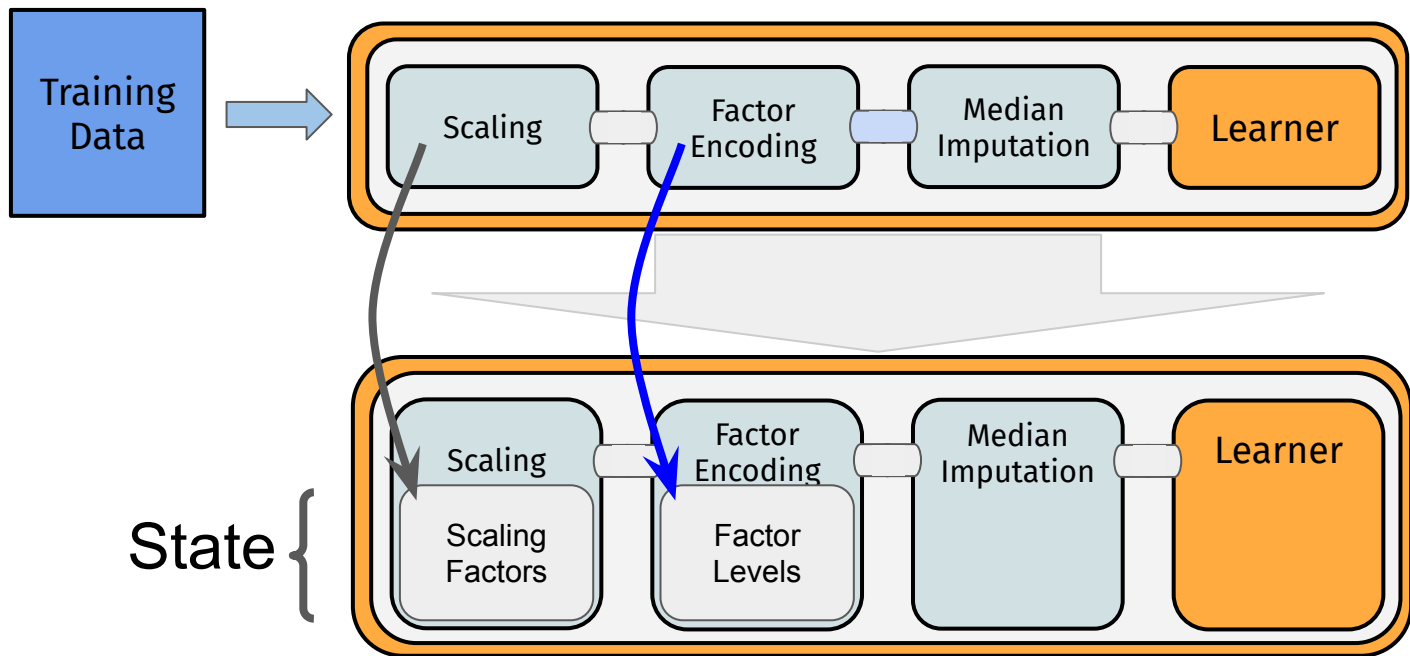


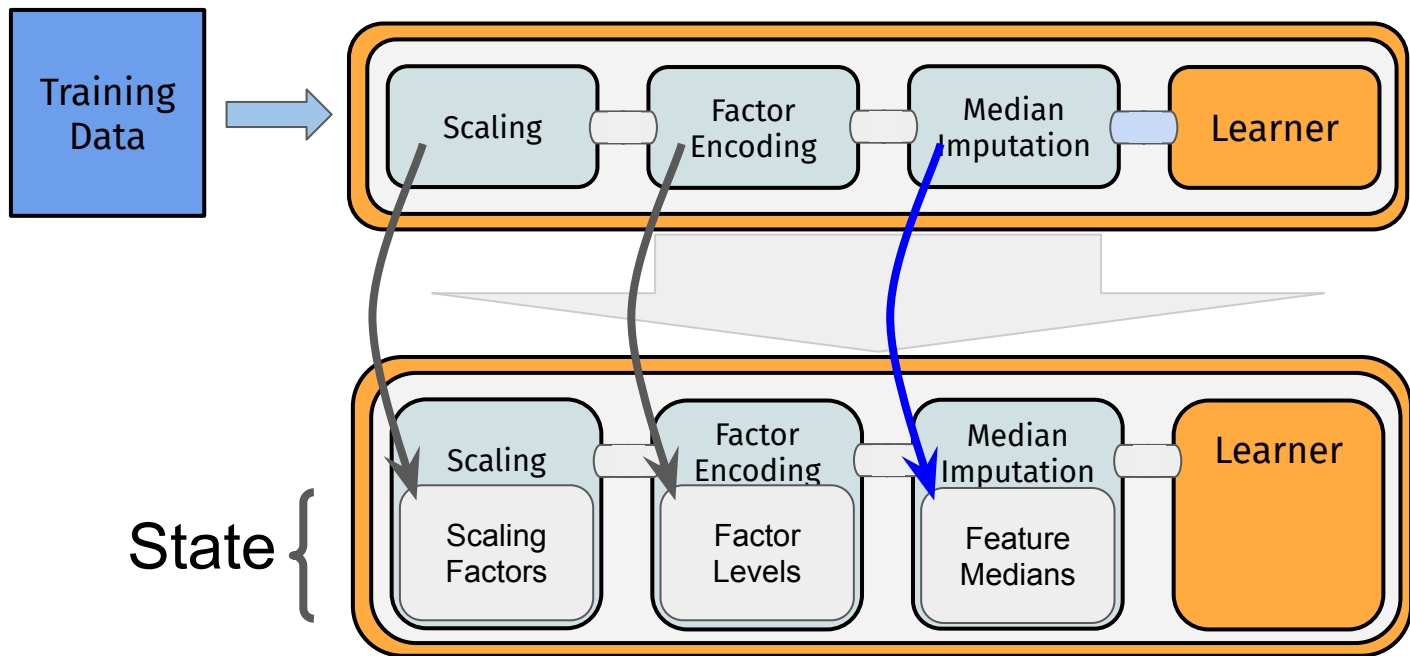


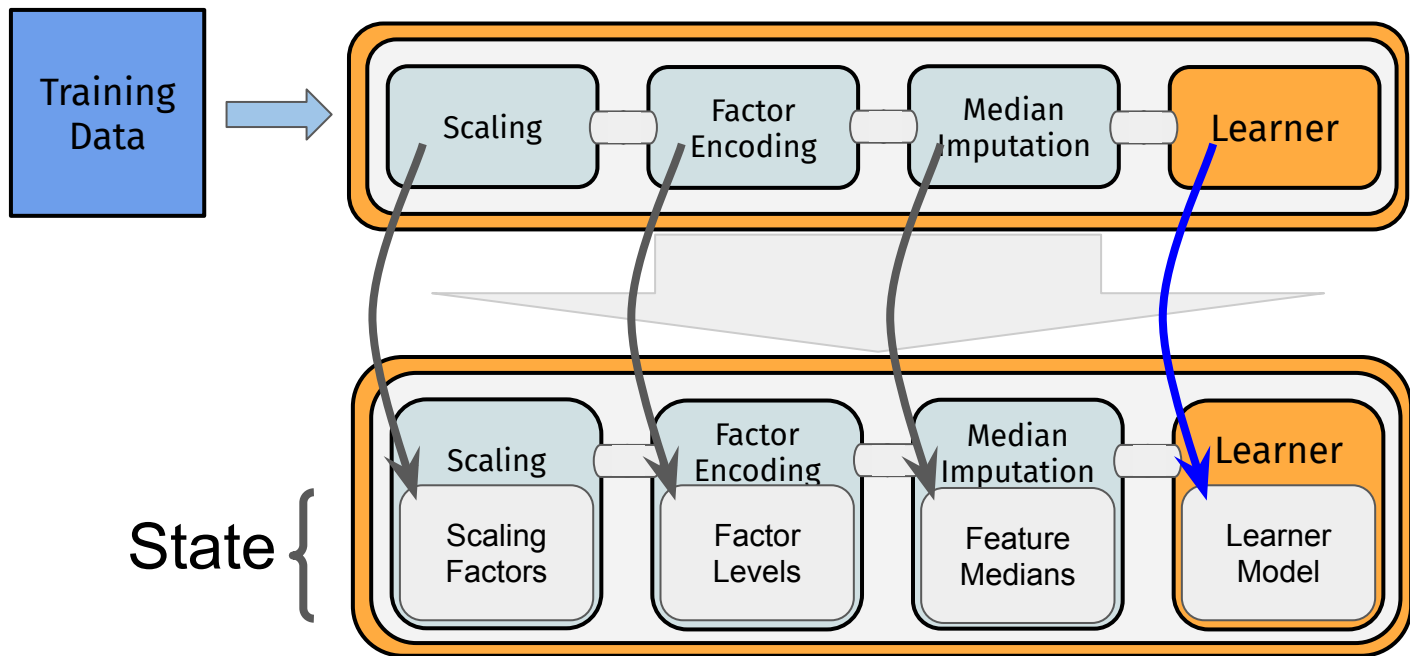


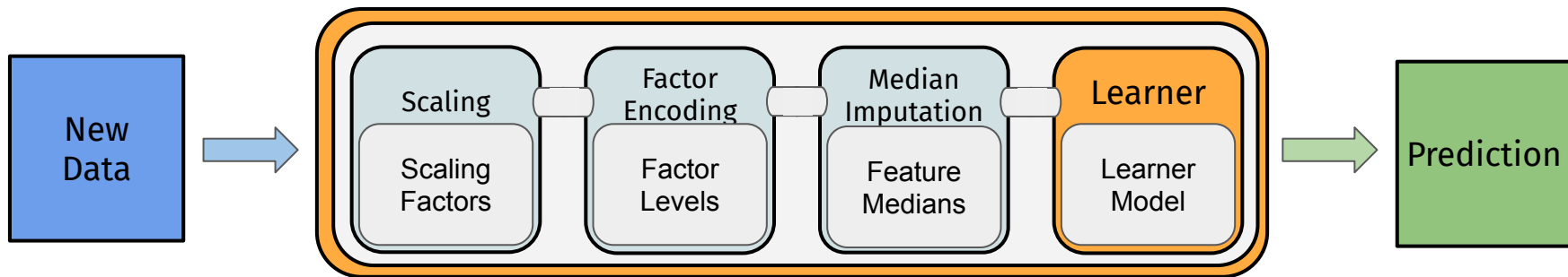


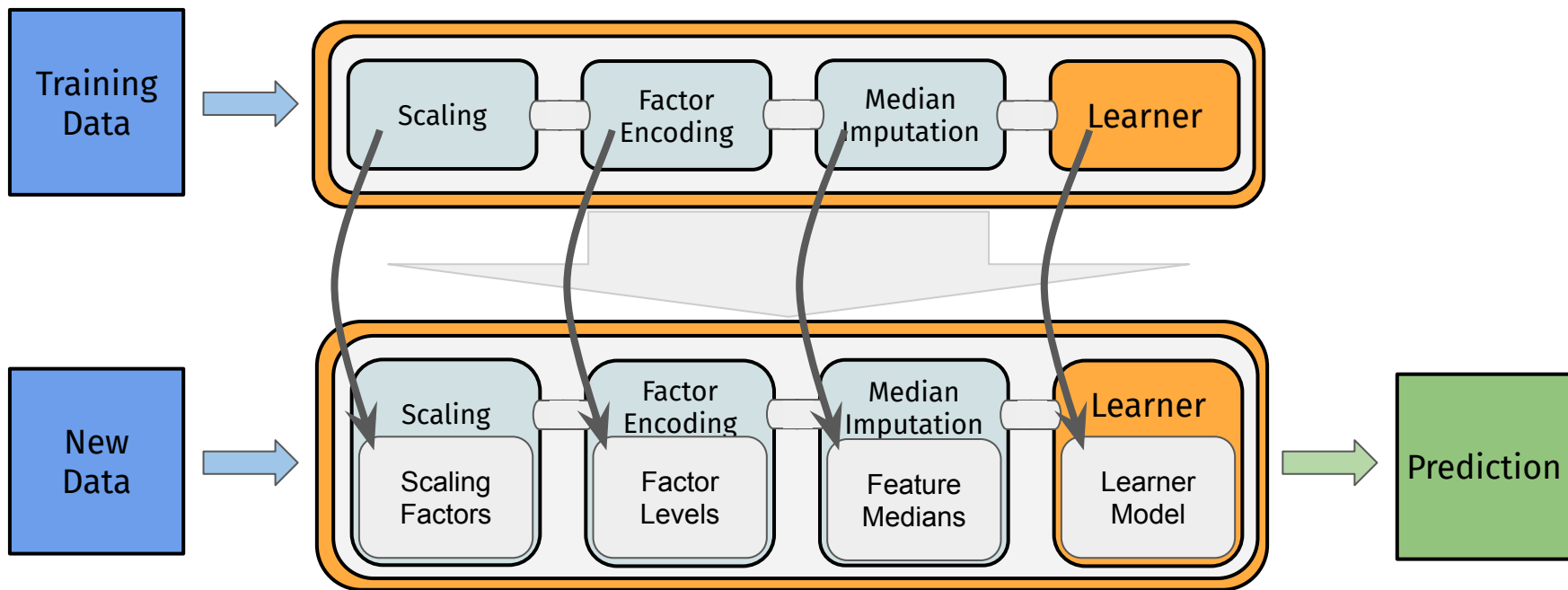


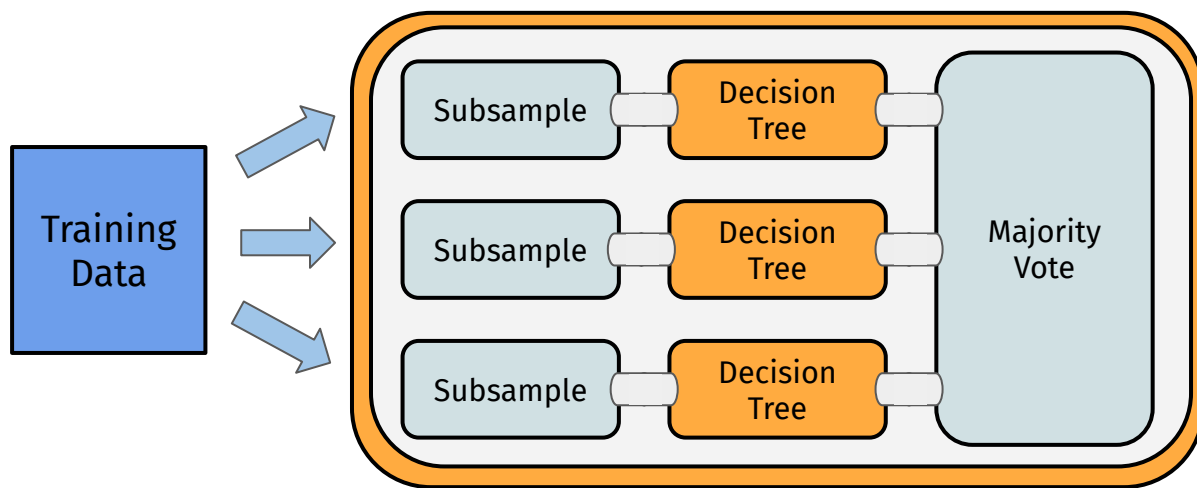


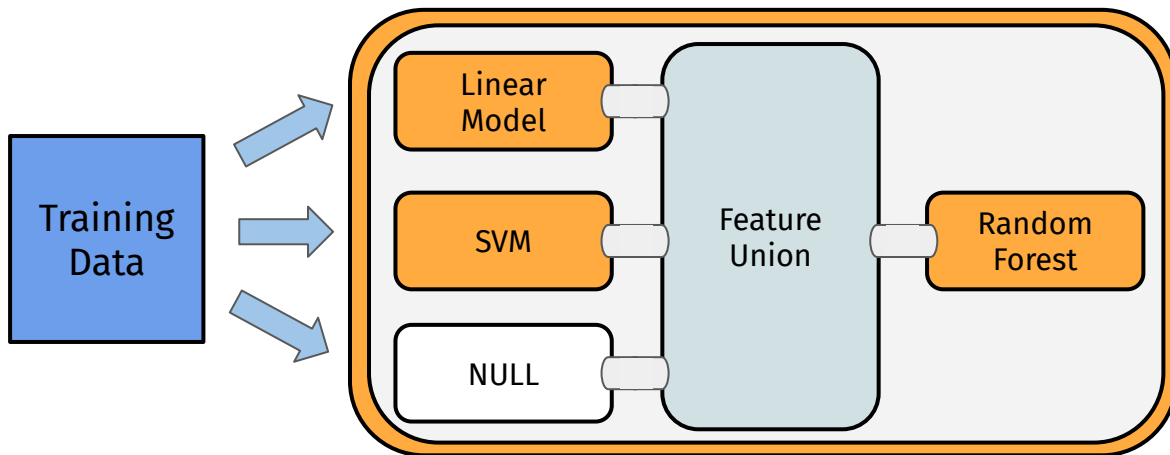




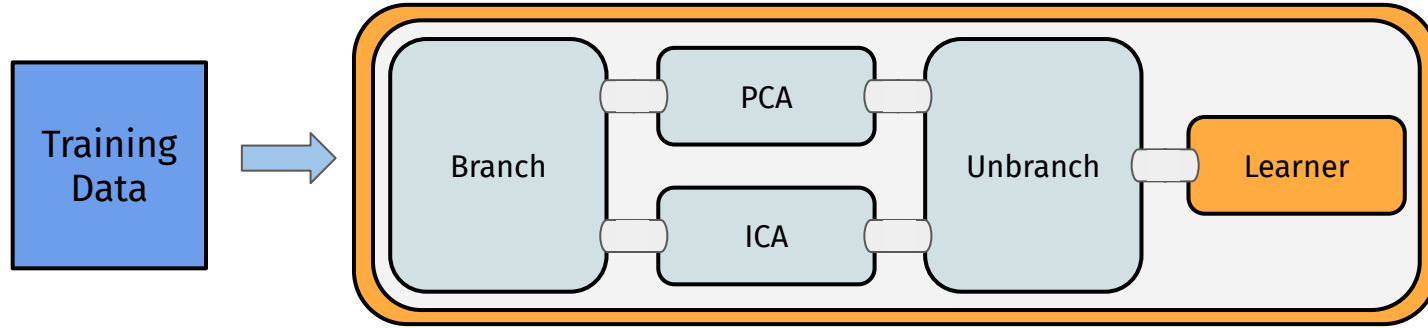




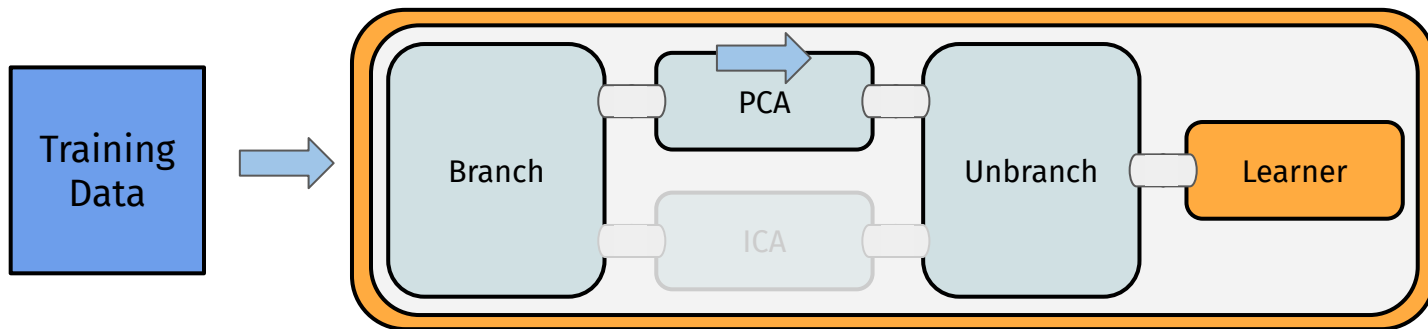




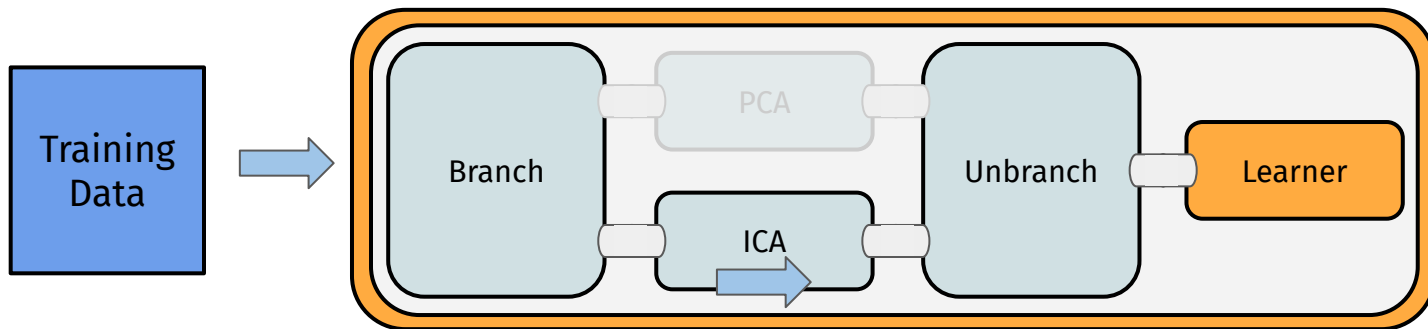
Execute only one of several alternative paths



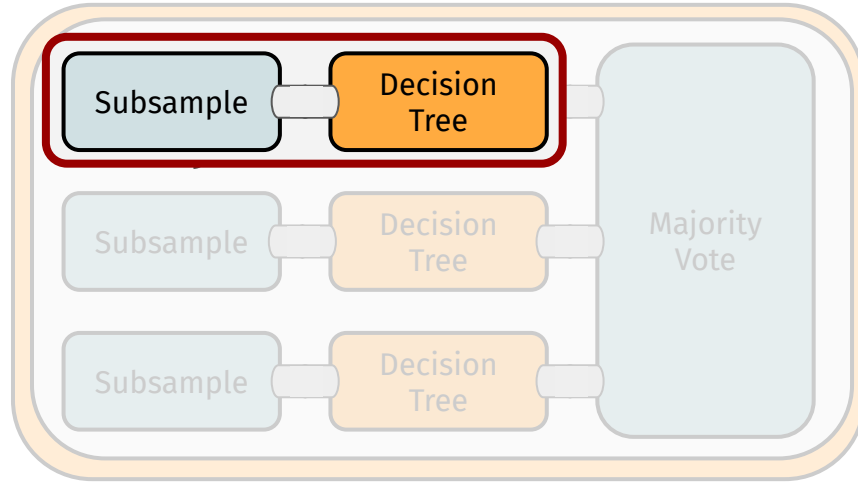
```
> graph_branch$pipeops$branch$  
  param_set$values$selection = "pca"
```



```
> graph_branch$pipeops$branch$  
  param_set$values$selection = "ica"
```



single_path {



Software	mlr3pipelines	mlr + mlrCPO	recipes	sklearn.Pipelines
Linear Pipelines	✓	✓	✓	✓
Conditional Pipelines	✓	✓	✗	✗
parallel	✗ *	✗	✗	✗
caching	✗ *	✓	?	✓
Backend	data.table Matrix DB's	data.frame	tibble DB	numpy
Tuning Pipelines	✓	✓	✗	✓
Ensembling Stacking	✓	✓	✗	✓
Extensions	iml, mlr3verse	mlrMBO, iml	tidymodels	auto-sklearn, eli5, ...

* planned

