* StreamModel
  + *fit*
  + *partial\_fit*
  + *predict*
  + *predict\_proba*
  + *reset*
  + *score*
  + *get\_class\_type*
  + *get\_info*
* Hoefding tree (VFDT) 🡨 StreamModel
  + *fit*
  + *partial\_fit*
  + *get\_votes\_for\_instance*
  + *predict*
  + *predict\_proba*
  + *compute\_hoeffding\_bund*
  + *new\_split\_node*
  + *\_attempt\_to\_split*
  + *enforce\_tracker\_limit*
  + *\_deactivate\_learning\_node*
  + *\_activate\_learning\_node*
  + *\_find\_learning\_nodes*
  + *score*
  + *get\_info*
  + FoundNode (base class for tree nodes)
    - SplitNode
    - LearningNode (leaf)
  + Node (base class for Hoefding tree node)
    - *is\_leaf*
    - *filter\_instance\_to\_leaf –* Find lef for a particular data instance
    - *get\_observed\_class\_distribution*
    - *get\_class\_votes*
    - *observed\_class\_distrbution\_is\_pure*
    - *subtree\_depth*
    - *calculate\_promise*
    - *describe\_subtree*
    - SplitNode
      * *num\_children*
      * *set\_child*
      * *get\_child*
      * *instance\_child\_index*
    - LearningNode
      * *learn\_from\_instance*
      * InactiveLearningNode (inactive learning node that does not grow)
      * ActiveLearningNode
        + *get\_weight\_seen*
        + *get\_weight\_seen\_at\_last\_split\_evaluation*
        + *set\_weight\_seen\_at\_last\_split\_evaluation*
        + *get\_best\_split\_suggestions  
          (note uses* AttributeSplitSuggestion*)*
        + *disable\_attribute*
        + LearningNodeNB

LearningNodeNBAdaptive

* HAT 🡨 HoeffdingTree
* ARFHoeffdingTree 🡨 HoeffdingTree
* RegressionHoeffdingTree (FIMT-DD) 🡨 HoeffdingTree
  + *leaf\_prediction*
  + *normalize\_sample*
  + *normalized\_target\_value*
  + *\_new\_learning\_node*
  + *get\_weights\_for\_instance*
  + *partial\_fit*
  + *\_partial\_fit*
  + *predict*
  + *predict\_proba*
  + *enforce\_tracker\_limit*
  + *\_attempt\_to\_split*
  + *\_deactivate\_learning\_node*
  + InactiveLearningNodeForRegression 🡨 HoeffdingTree.InactiveLearningNode
  + ActiveLearningNodeForRegressin 🡨 HoeffdingTree.ActiveLearningNode
  + LearningNodePerceptron 🡨 HoeffdingTree.ActiveLearningNode
  + InactiveLearningNodePerceptron 🡨 HoeffdingTree.InactiveLearningNode
* RegressionHAT 🡨 RegressionHoeffdingTree