

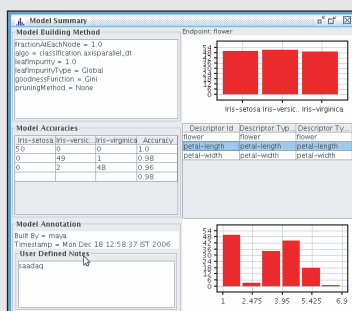


# sarchitect

Designer 2.2

## Advanced capabilities

Sarchitect 2.2 provides an extensive panel of algorithms for model building, validation and deployment. We cover both regression and classification methods.



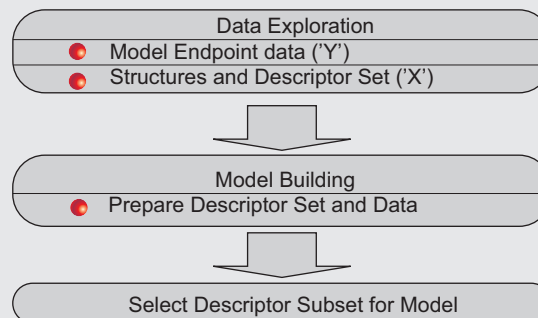
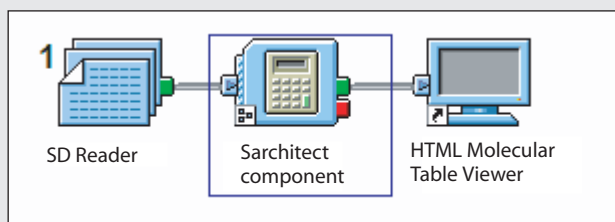
- | Model Building |                                   |
|----------------|-----------------------------------|
| •              | Prepare Descriptor Set and Data   |
|                | Set aside Model Test data         |
|                | Prune Descriptors                 |
| •              | Build Classification Model, using |
|                | Naive Bayes                       |
|                | Axis-Parallel Decision Tree       |
|                | Neural Network                    |
|                | Support Vector Machines           |
|                | Decision Forest                   |
| •              | Build Regression Model, using     |
|                | Multiple Linear Regression        |
|                | Neural Network                    |
|                | Support Vector Machines           |
|                | Regression Forest                 |
|                | Partial Least Squares             |

## Open models

Our models are open, they come packaged with the underlying training set, structures and data. We also include important statistical information as part of the model metadata. Both are used in the critical assessment of prediction space. No more black boxes, no more guess work. More confidence!

## Workflows

Built-in workflows provide ease of use and productivity for data exploration, model building and prediction.



## Deployment

Sarchitect Designer models can be deployed using Sarchitect Miner or SciTegic PipelinePilot®.