

Automatic Construction and Natural-Language Description of Nonparametric Regression Models



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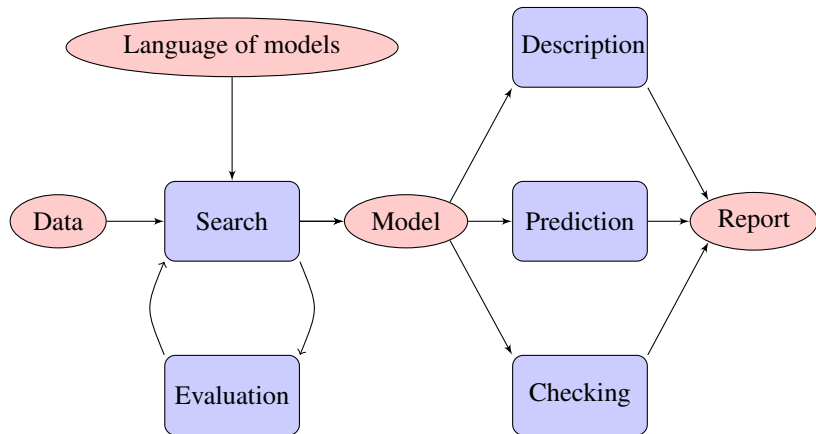


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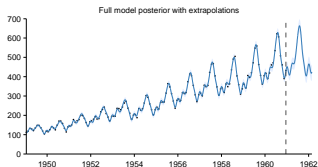
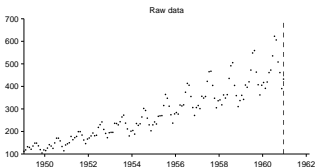
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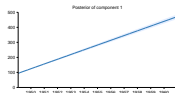
A SYSTEM FOR AUTOMATIC DATA ANALYSIS



AN ENTIRELY AUTOMATIC ANALYSIS



Four additive components have been identified in the data



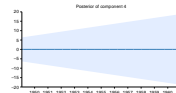
A linearly increasing function



An approximately periodic function
with a period of 1.0 years with
linearly increasing amplitude



A smooth function



Uncorrelated noise with linearly
increasing standard deviation

Compositionally constructed statistical models



Compositionally constructed
natural-language descriptions

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