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Task	Task description for discrete data items from [AES05]	Our adaption to continuous scalar functions		QRI re	esults		E:	xpert stud	ly results	s	
Retrieve value	"Given a set of specific cases, find attributes of those cases"  "Given some concrete conditions attribute values, find data cases satisfying	Given an x, what is the function value?									
Filter	those conditions."	For what parameter values is the function equal or over x?		_		_					
Compute derived value		Summary statistics: variance, mean, SA									
Find extremum		Find local/global min/max									
Determine range		What is the range of possible outputs?									
Characterize distribution	"Given a set of data cases and a quantitative attribute of interest, characterize the distribution of that attribute's values over the set"  "Identify any anomalies within a given set of data cases with respect to a	What types of shapes do the manifolds have									
Find anomalies		Do areas of the manifold have shapes unlike any others									
Cluster	"Given a set of data cases, find clusters of similar attribute values" "Given a set of data cases and two attributes, determine useful	Areas of the manifold have similar shapes									
Correlate	relationships between the values of those attributes"	1D vs 2D relationships									