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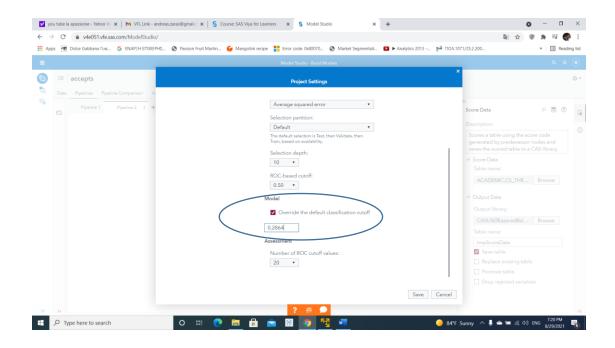
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Variable Name	Variable Description	Variable	Variable
		Scale	Role
Age	Age in years	Interval	Input
Amount	Amount of loan	Interval	Input
Checking	Status of existing checking account: 1: No Checking Account, 2: <\$0, 3: 0 - <\$200, 4: >=\$200	Ordinal	Input
Соарр	Other applicants/ guarantors: 1: none, 2: co-applicant, 3: guarantor	Nominal	Input
Depends	Number of dependents	Interval	Input
Duration	Duration in months	Interval	Input
Employed	Presently employed since: 1: unemployed, 2: <1year, 3: 1 to <4 years, 4: 4 to <7 years, 5: >=7 years	Ordinal	Input
Existcr	Number of existing credits at this bank	Interval	Input
Foreign	Foreign worker: 1: yes, 2: no	Binary	Input
Housing	1: rent, 2: own, 3: for free	Nominal	Input
Installp	Installment rate in percentage of disposable income	Interval	Input
Job	1: Unemployed/ Unskilled - non resident, 2: Unskilled - resident, 3: Skilled employee/ official, 4: Manager/ Shelf Employed/ Highly Qualified employee officer	Nominal	Input
Marital	Marital Status: 1: Male: Divorced/ Separated, 2: Female: Divorced/ Separated/ Married 3: Male: Single, 4: Male married/ windowed, 5: Female: Single	Nominal	Input
Purpose	Purpose of Ioan: 0: Car (new), 1: Car (used), 2: Furniture/ Equipment, 3: Radio/ TV, 4: Domestic appliances, 5: House Repairs, 6: Education, 7: Vacation, 8: Retraining	Nominal	Input
Other Loan Obligations	1: Bank, 2: Stores, 3: None	Nominal	Input
Savings	Savings Account: 1: <\$100, 2: 100-<\$500, 3: \$500-<\$1000, 4: >= \$1000,	Ordinal	Input
Telephone	1: None, 2: Yes, registered under the customer's name	Binary	Input
Credit Cards in Other Banks	1: No Credit Cards, 2: 1 Credit Card, 3: 2 Credit Cards, 4: >= 2 Credit Cards	Ordinal	Input
Good/ Bad	Good/ Bad payer	Binary	Target
Property	1: Real Estate, 2: Car, 3: Life Insurance, 4: No Property	Nominal	Input
Resident	Years beginning permanent residence	Interval	Input
History	0: No Credits Taken/ All Credits Paid Back Dully; 1: All Credits at this Bank Paid Back Dully; 2: Existing Credits Paid Back Dully Until Now; 3: Delay in Paying Off in the Past; 4: Critical Account/ Other Credits Existing (Not at this Bank)	Nominal	Input
Partition_ID	Partition Variable	Binary	Partitior

			Model	l Studio - Build Models				
:=	Cre	dit Score						ŵ
Date								
Dati	_	pelines Pipeline Comparison Insights				>>		-
⊞	р F			_		HISTORICAL_DATA_PART	TION	[
		Variable Name ↑	Label	Туре	Role	Į.		
		age		Numeric	Input	Columns:		
		amount		Numeric	Input	Rows:		
		checking		Numeric	Input	- Rows:		
		coapp		Numeric	Input	Label:		
		credit_cards_other_banks		Numeric	Input	(not available)		
		depends		Numeric	Input	Location:		
		duration		Numeric	Input	undefined/undefined		
		employed		Numeric	Input			
		existor		Numeric	Input	-		
		foreign		Numeric	Input			
		Good_Bad		Numeric	Input			
		history		Numeric	Input			
		housing		Numeric	Input			
		installp		Numeric	Input			
		job		Numeric	Input			
		marital		Numeric	Input	-		
		Partition Indicator property		Numeric	Input	1		
		purpose		Numeric Character	Input			
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core_	Code_F	purpose orest.zip ^ I finale.sas7bo ition Data ht-Based Sampling le Configuration es put Library	Pro Partition Data Create par Note: These within the d	Character	ve only when a source with a p	ore-defined partition v	ot set ariable or	
core_	Parti Even Noc	purpose orest.zip ^ I finale.sas7bo ition Data ht-Based Sampling le Configuration es put Library	Pro Partition Data Create par Note: These within the d	Character	ve only when a source with a p		ot set ariable or	
core_	Code_F	purpose orest.zip ^ I finale.sas7bo ition Data ht-Based Sampling le Configuration es put Library	Pro Partition Data Create par Note: These within the d	Character	ve only when a source with a p	ore-defined partition v	ot set ariable or	
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Save	Cancer

	Project Settings	
Partition Data Event-Based Sampling	Rules	
Node Configuration	Model Comparison	
Rules Output Library	Class selection statistic:	
Logging	Average squared error 🔹	
	Interval selection statistic: Average squared error	
	Selection partition:	
	Default •	
	The default selection is Test, then Validate, then Train, based on availability.	
	Selection depth:	
	ROC-based cutoff:	
	0.50 •	
	Model	
	Override the default classification cutoff	
	0,5	
	Assessment	

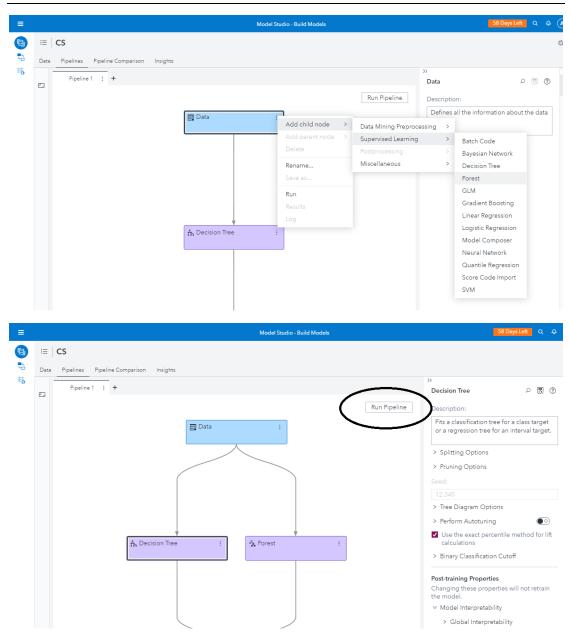


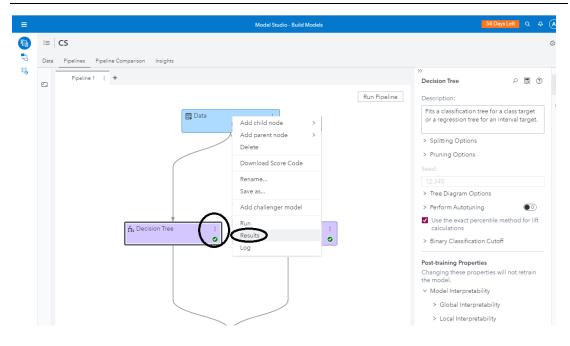
			58 Days Left	Ξ,
i≡ CS				
Data Pipeline Pipeline Comparison Insights Pipeline 1 : +	Run Pipeline	>> Data Description: Defines all th	ې he information about th	
E Data	Add child node     Data Mining Preproc       Add parent node     Supervised Learning       Delete     Postprocessing       Rename     Miscellaneous       Save as     Log	> Bi > Bi > D Fr G G L L L M N N	atch Code ayesian Network becision Tree orest SLM iradient Boosting inear Regression ogistic Regression dodel Composer leural Network 2uantile Regression core Code Import	

	>> Decision Tree $ ho$ 🖪 ?	
Run Pipeline	Description:	
	Fits a classification tree for a class target or a regression tree for an interval target.	<b>(</b> )
	✓ Splitting Options	
	✓ Grow Criterion	
	Class target criterion:	
	Chi-square A Interval target criterion:	
	Variance 🔹	
	0.2	
	Bonferroni	
	Maximum number of branches:	
	2	
	2 6 10 Maximum depth:	

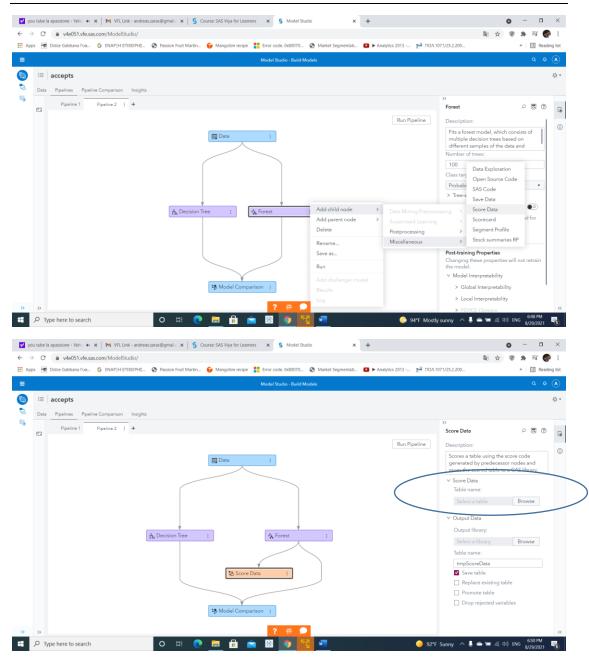
Run Pipeline	0
	Use input once
	Perform clustering-based split search
	<ul> <li>Pruning Options</li> </ul>
	Subtree method:
(	Reduced error 🔹
1	Selection method:
	Automatic 🔹
	12,345
	> Tree Diagram Options
	> Perform Autotuning
	✓ Use the exact percentile method for lift calculations

=			Model Studio - Build Models 58 Days L	eft		0
<b>(</b> )	i≡ Data	CS Pipelines Pipeline Comparison Insights				Ę
:: <b>:</b>		Pipeline 1 : +	Pata     Run Pipeline     Description:     Defines all the information abo		a dat	
			Data     Add child node     Data Mining Preprocessing     Batch Code       Add parent node     Supervised Learning     Batch Code       Delete     Postprocessing     Bayesian Network       Rename     Save as     Miscellaneous     Decision Tree       Save as     Forest     GLM			
			Results Log Log Log Logitic Regression Nodel Composer Neural Network Quantile Regression Score Code Import SVM	'n		





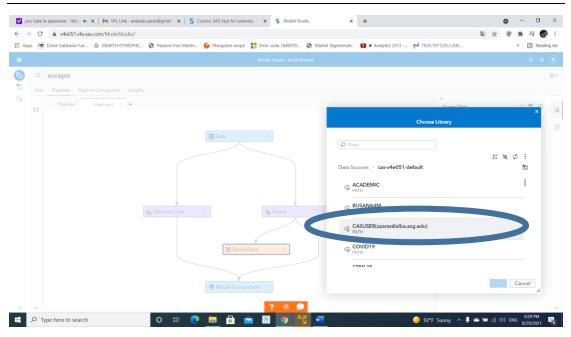
CS Pipelines Pipeline Comparison Insights		
Pipeline 1 : +		» Model Comparison
	Run Pipeline	Description:
E∰ Data	:	Compares the performance of competing models by using various benchmarking criteria.
		Class selection statistic:
		Use rule from project settings 🔹
		Interval selection statistic:
		Use rule from project settings 🔹
		Selection partition:
		Use rule from project settings 🔹
		Use rule from project settings 🔹
•	0	ROC-based cutoff:
		Use rule from project settings 🔹
	Add child node >	
	Add parent node >	
	Delete	
	Rename	
	Save as	
🈼 Model Comparison	Run	
	Results	
	Th Decision Tree :	Add child node > Add child node > Add parent node > Delete Rename Save as Run

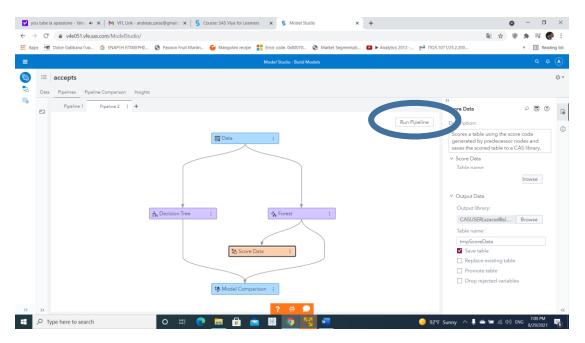


Select the credit\_score data set from CASUSER library

	Doice Gabbana I υα 🌀 ENAP±H EI IIXEIPH2	🥱 Passion I	Fruit Martin 🧯 Mangotini recipe 🚦 Error code. 0x80070 🔇 Market Segmentati 🚺 🕨 Analytics 2013 🕺 ПОЛ-1071/25.2.200	» 🗄 Reading list
-			Model Studio - Build Models	۹ 🖪 📣
			Choose Data	0+
	Available Data Sources	5 0 :: fa 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5	<pre>     CASUSER(azaras@alba.acg.edu)  Amm:      CASUSER(azaras@alba.acg.edu)      Construct      Construct</pre>	
			? # ●	4

	Model Studio - Build Models	a <del>6</del>
i≡ accepts		
Data Pipelines Pipeline Compariso	on Insights	
Pipeline 1 Pipeline 2	3 +	>> Score Data P 🖲 🕐
		Run Pipeline Description:
	E Data i	Scores a table using the score code generated by predecessor nodes and saves the scored table to a CAS library.
		✓ Score Data
		Table name: Browse
		✓ Output Data
	🔥 Decision Tree :	Output library:
		Select a library Browse Table name:
		tmpScoreData
	15 Score Data	Save table
		Sp
		Promote table
	15 Model Comparison :	Drop rejected variables





You can change the name of tmpScoredata to Scored\_Data.

Run the pipeline, left click in the three dots in the Score Data node and select Results. Then select Output Data and then View Output Data