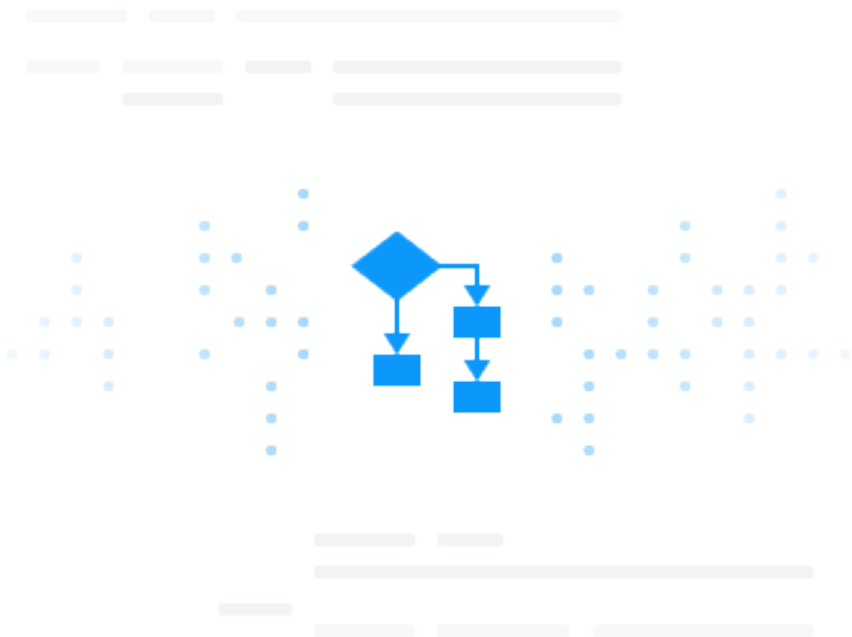




# ABC\_Addon\_Decision(1.0)



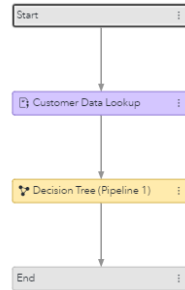
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# Properties

Name:	ABC_Addon_Decision
Version:	1.0
Description:	
Location:	/Public/ABC/RuleSets
Date created:	Dec 30, 2019 07:20 PM
Created by:	sasdemo
Date modified:	Jan 2, 2020 03:40 PM
Modified by:	sasdemo
Object URI:	/decisions/flows/c9b6d876-ba0b-4463-898d-a918150e60be/ revisions/9eca2527-c39a-4213-be4f-340fd84f02e4
Subject ID:	
Subject level:	

# Decision Flow



## Node Details

Code file: Customer Data Lookup	
Object URI	/decisions/codeFiles/2a2bddb6-bed4-463a-b89d-70ee0073a805
Description	
Code file type	Python
Date created	Dec 30, 2019 07:41 PM
Date modified	Jan 3, 2020 08:52 AM
Created by	sasdemo
Error message	
Input mapping:	
mobile_number	mobile_number(Decision)
Output mapping:	
Age	Age(Decision)
Car_Price	Car_Price(Decision)
Rating_Category	Rating_Category(Decision)
Income	Income(Decision)
Occupation	Occupation(Decision)
Clm_Freq	Clm_Freq(Decision)
Mvr_points	Mvr_points(Decision)
Car_Age	Car_Age(Decision)
Car_Type	Car_Type(Decision)
Fuel_Type	Fuel_Type(Decision)
CC	CC(Decision)
Make	Make(Decision)

Model: Decision Tree (Pipeline 1)(1.0)	
Object URI	/modelRepository/models/25750b3f-a00b-48ff-893e-3ad05259fc4c
Project	Alpha Bravo Charlie
Score Code Type	dataStep
Champion	false
Date created	Dec 31, 2019 02:38 PM
Date modified	Jan 3, 2020 08:54 AM
Created by	sasdemo

Error message	
Data grid mapping	No
Input mapping:	
Age	Age(Decision)
CC	CC(Decision)
Car_Age	Car_Age(Decision)
Car_Price	Car_Price(Decision)
Car_Type	Car_Type(Decision)
Clm_Freq	Clm_Freq(Decision)
Income	Income(Decision)
Make	Make(Decision)
Rating_Category	Rating_Category(Decision)
Terrains	Terrains(Decision)
Travel_Days	Travel_Days(Decision)
Output mapping:	
EM_PREDICTION	EM_PREDICTION(Decision)
P_add_on_premium	P_add_on_premium(Decision)
_leaf_id_	_leaf_id_(Decision)

## Variables

Variables	Data Type	Input	Output	Initial Value	Description	Length
_leaf_id_	Decimal	False	False			8
Age	Integer	False	False			
Car_Age	Integer	False	False			
Car_Price	Integer	False	False			
Car_Type	Character	False	False			
CC	Integer	False	False			
Clm_Freq	Integer	False	False			
EM_PREDICTION	Decimal	False	False		Predicted: add_on_premium	8
Fuel_Type	Character	False	False			
Income	Integer	False	False			
Make	Character	False	False			
mobile_number	Character	True	False			
Mvr_points	Integer	False	False			
Occupation	Character	False	False			
P_add_on_premium	Decimal	False	True			8
Rating_Category	Character	False	False			
Terrains	Character	True	False			8
Travel_Days	Decimal	True	False			8

# Code Files

## Customer Data Lookup

- URI - /decisions/codeFiles/2a2bddb6-bed4-463a-b89d-70ee0073a805
- Type - Python

"" List all output parameters as comma-separated values in the "Output:" docString. Do not specify "None" if there is no output parameter. ""

```
import sys
import pandas as pd

df = pd.read_csv(r'/home/sasdemo/customer_datamart.csv')

def execute (mobile_number):
'Output: Age, Car_Price, Rating_Category, Income, Occupation, Clm_Freq, Mvr_points, Car_Age,
Car_Type, Fuel_Type, CC, Make'
ix = df['mobile_number'].loc[df['mobile_number'].str.contains(mobile_number)].index
value = list(df.values[ix])
Age = value[0][0]
Car_Price = value[0][1]
Rating_Category = value[0][2]
Income = value[0][3]
Occupation = value[0][4]
Clm_Freq = value[0][5]
Mvr_points = value[0][6]
Car_Age = value[0][7]
Car_Type = value[0][8]
Fuel_Type = value[0][10]
CC = value[0][11]
Make = value[0][12]
return Age, Car_Price, Rating_Category, Income, Occupation, Clm_Freq, Mvr_points, Car_Age,
Car_Type, Fuel_Type, CC, Make
```