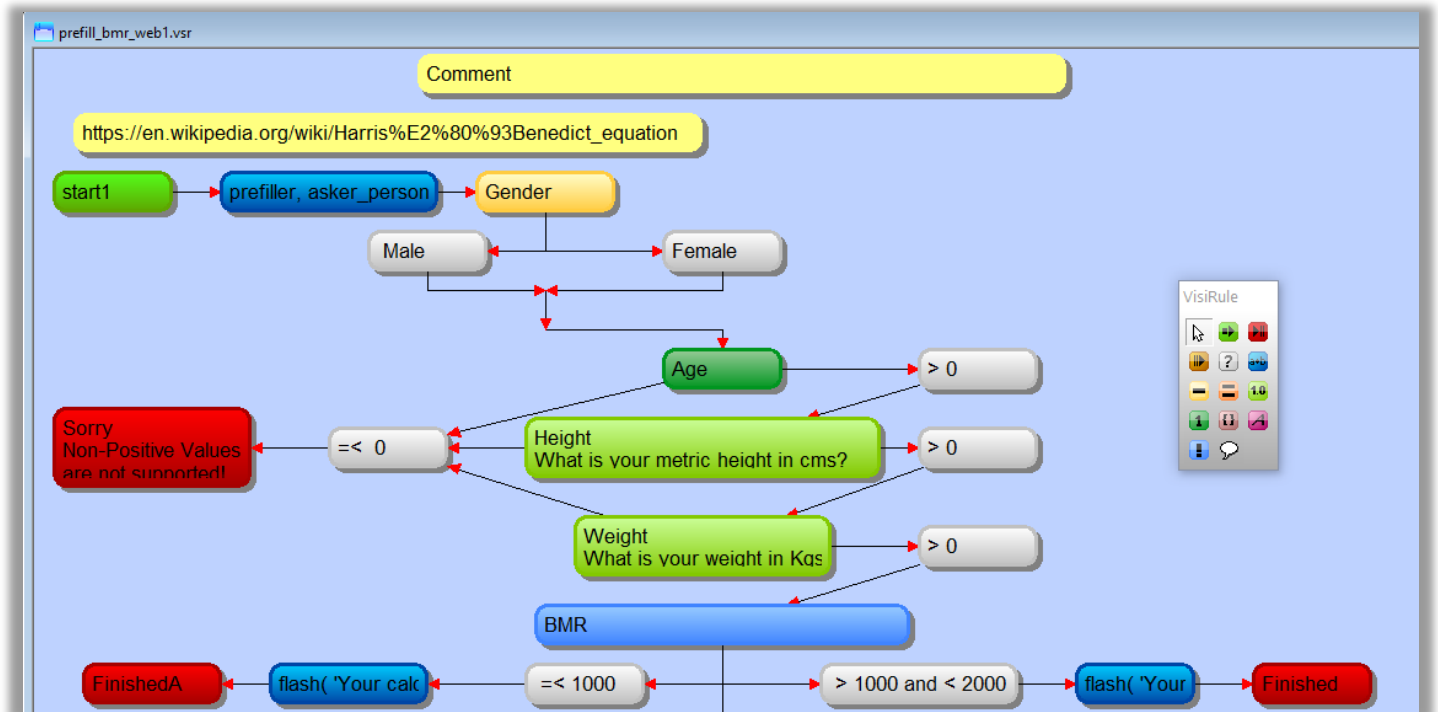
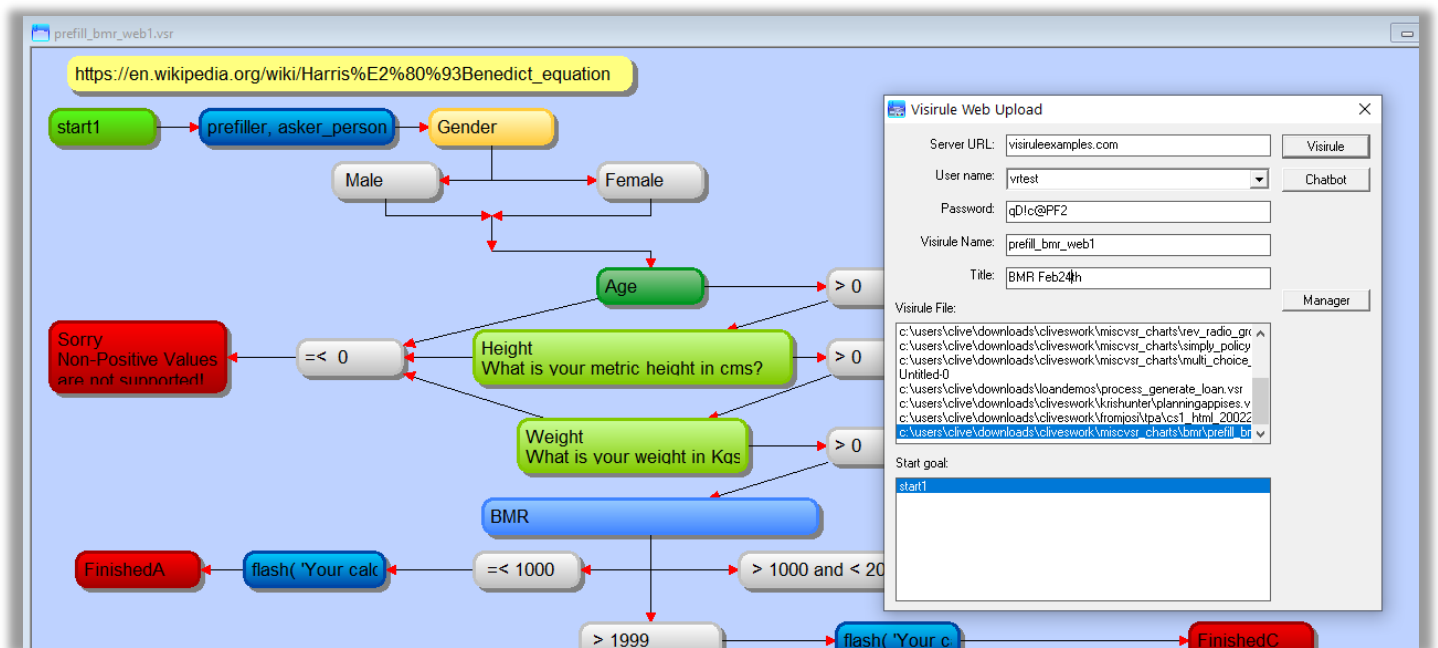


VisiRule Manager & Chart Analytics March 2nd 2020

We have a VisiRule chart with some questions and calculations:




We can publish the chart using the VisiRule Uploader.



You can run the chart on:

https://visiruleexamples.com/visirule/analyse/webflex.exe?webflex=prefill_bmr_web1


When the chart is published it generates a simple questionnaire for users to complete



BMR Feb 24th

Restart

Go Back



Theme

Dark

What Gender are you

☐ Male

☒ Female

What is your age?

94

What is your metric height in cms?

111

What is your weight in Kgs

63

Please answer the following questions

Next

Application State

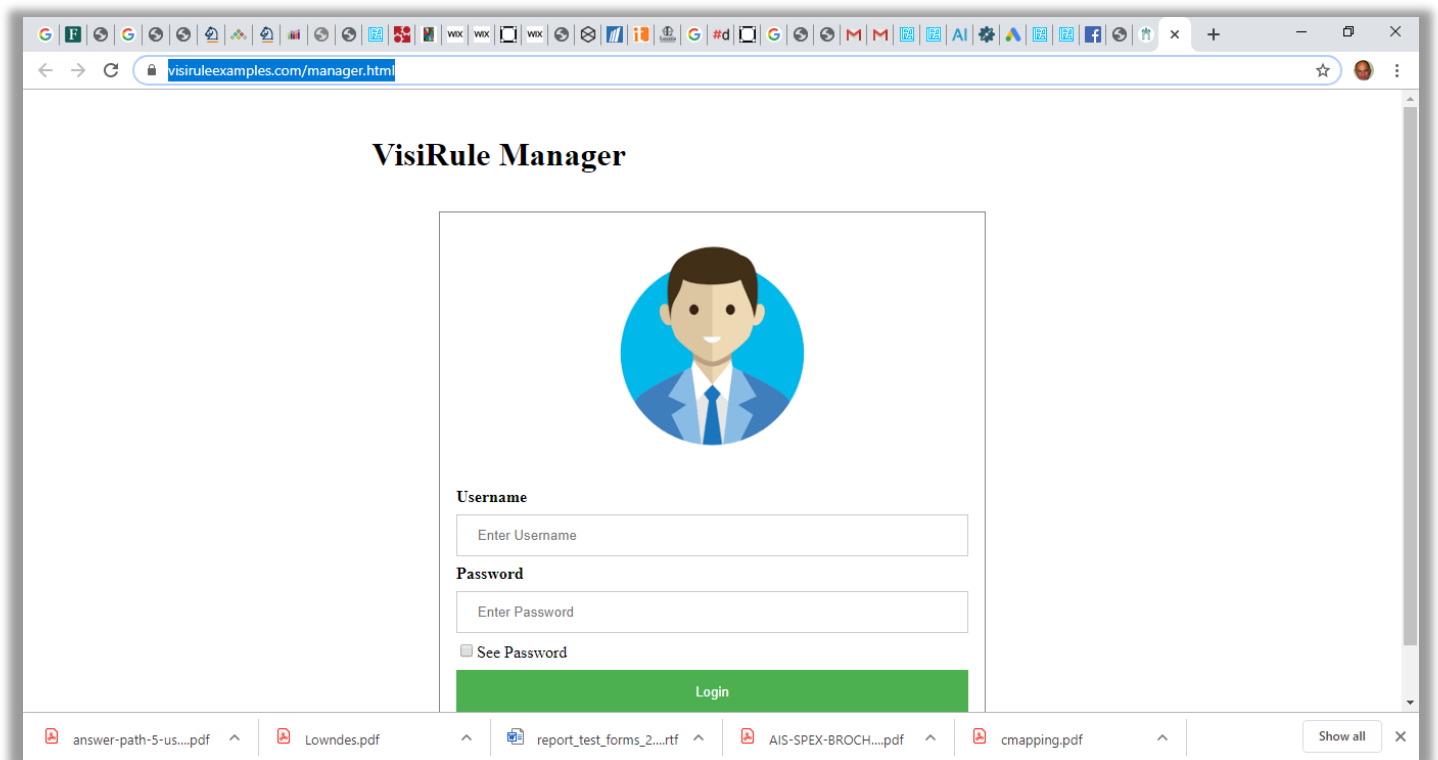
Questions

Name	Value	Prompt	Explanation
------	-------	--------	-------------

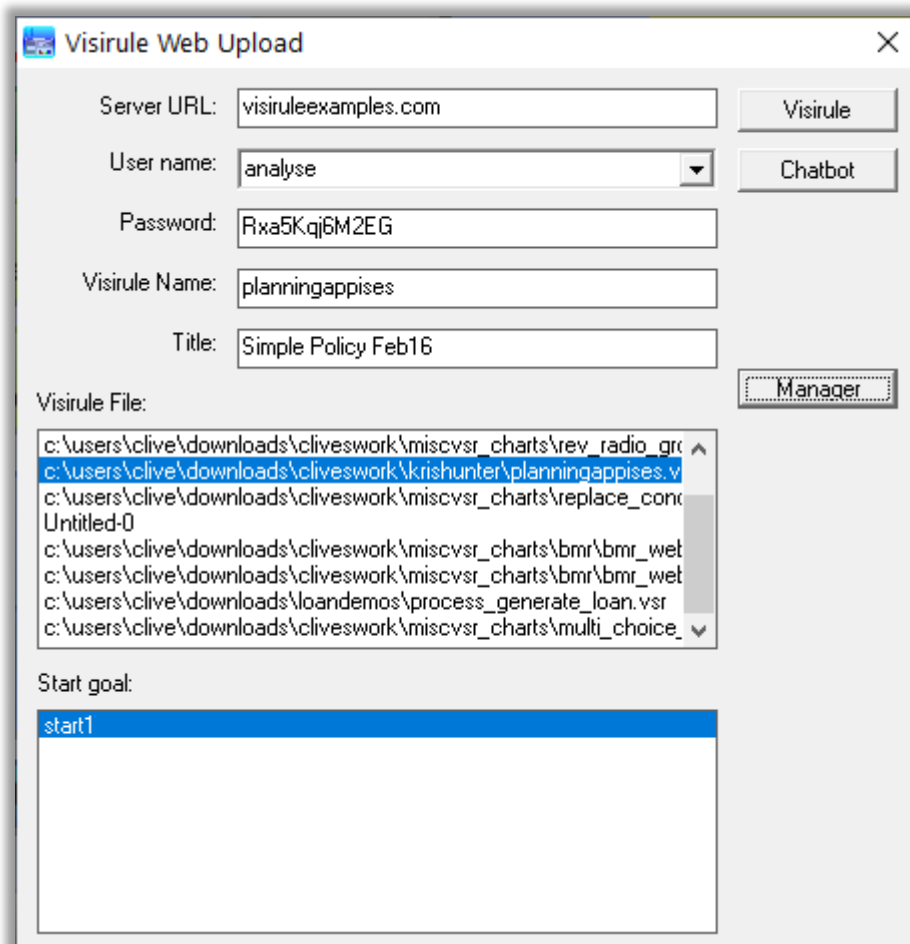
Global Data

Name	Value
------	-------

We can log into the VisiRule Manager from:
<https://visiruleexamples.com/manager.html>



Or using the Uploader



This shows all the models (VisiRule charts) published in this user area.

VISIRule ANALYSE Models Log Files Documents					
Model	Size	Hits	Creation Date	Write Date	Last Access Date
bmr	6113	24	Thu 19 Dec 2019	Thu 19 Dec 2019	Tue 24 Dec 2019
bmr_web1	6105	34	Tue 24 Dec 2019	Tue 18 Feb 2020	Tue 18 Feb 2020
lawns	5242	0	Thu 19 Dec 2019	Sun 02 Feb 2020	-
prefill_bmr_web1	4097	114	Mon 24 Feb 2020	Mon 24 Feb 2020	Mon 24 Feb 2020

We can sort by say size or hits

VISIRule ANALYSE Models Log Files Documents					
Model	Size	Hits	Creation Date	Write Date	Last Access Date
prefill_bmr_web1	4097	114	Mon 24 Feb 2020	Mon 24 Feb 2020	Mon 24 Feb 2020
bmr_web1	6105	34	Tue 24 Dec 2019	Tue 18 Feb 2020	Tue 18 Feb 2020
bmr	6113	24	Thu 19 Dec 2019	Thu 19 Dec 2019	Tue 24 Dec 2019
lawns	5242	0	Thu 19 Dec 2019	Sun 02 Feb 2020	-

Let's select a chart, prefill_bmr_web1

VISIRule ANALYSE

Models Log Files Documents

Model: prefill_bmr_web1

Table
KSL
Chart
Log Files
Analytics
Documents
Browser

Download

Id	Type	Name	Prompt	Explanation	Connected To	Linked From
1	start	start1			2	
3	statement	BMR	X	('Gender' = 'Male' - > X is (10 * 'Weight') + (6.25 * 'Height') - (5 * 'Age') + 5 ; X is (10 * 'Weight') + (6.25 * 'Height') - (5 * 'Age') - 161)	4 5 6	7
8	single_choice	Gender	What Gender are you	explanation	9 10	2
11	number_input	Height	What is your metric height in cms?	explanation	12 13	14
15	number_input	Weight	What is your weight in Kgs	explanation	7 13	12

The table shows all the contents of the VisiRule chart in an HTML table – with the option to download the chart (in VSR format)

Analytics

Analytics shows various counts and statistics for the questions and globals (statements) used across different user sessions.

The first tables show total counts for all user sessions regardless of conclusion reached.

The second set of table shows counts Partitioned by reached conclusion (in this case there are 3). This is helpful in understanding the various clusters of answers formed round the different conclusions.

Table

KSL

Chart

Log Files

Analytics

Documents

Browser

Model: prefill_bmr_web1

Continuous Questions All

Question	Minimum	Maximum	Count	Mean	σ^2	σ	Conclusion
Age	0.00	99.00	114.00	48.04	708.88	26.62	-
Height	10.00	199.00	114.00	145.18	1063.85	32.62	-
Weight	28.00	149.00	114.00	96.76	842.44	29.02	-

Continuous Questions Partitioned

Question	Minimum	Maximum	Count	Mean	σ^2	σ	Conclusion
Age	1.00	99.00	91.00	49.15	692.83	26.32	Finished
Age	66.00	85.00	8.00	74.37	30.98	5.57	FinishedA
Age	1.00	60.00	14.00	29.14	324.84	18.02	FinishedC
Age	0.00	0.00	1.00	0.00	0.00	0.00	Sorry Non-Positive Values are not supported!
Height	100.00	198.00	91.00	146.23	678.55	26.05	Finished
Height	10.00	131.00	8.00	90.12	2111.36	45.95	FinishedA

Continuous Questions are separated from Discrete Questions and have different attributes

Table

KSL

Chart

Log Files

Analytics

Documents

Browser

Model: prefill_bmr_web1

Discrete Questions All

Question	Value	Count	Value	Count	Total Counts	Conclusion
Gender	Female	60.00	Male	54.00	114.00	-

Discrete Questions Partitioned

Question	Value	Count	Value	Count	Total Counts	Conclusion
Gender	Female	47.00	Male	44.00	91.00	Finished
Gender	Female	6.00	Male	2.00	8.00	FinishedA
Gender	Male	8.00	Female	6.00	14.00	FinishedC
Gender	Female	1.00	-	-	1.00	Sorry Non-Positive Values are not supported!

Same with Globals – both discrete and continuous

Table

KSL

Chart

Log Files

Analytics

Documents

Browser

Model: prefill_bmr_web1

Question	Value	Count	Value	Count	Total Counts	Conclusion
Gender	Female	1.00	-	-	1.00	Sorry Non-Positive Values are not supported!

Continuous Globals All

Global	Minimum	Maximum	Count	Mean	σ^2	σ	Conclusion
BMR	-183.50	2290.00	113.00	1543.91	166611.75	408.18	-

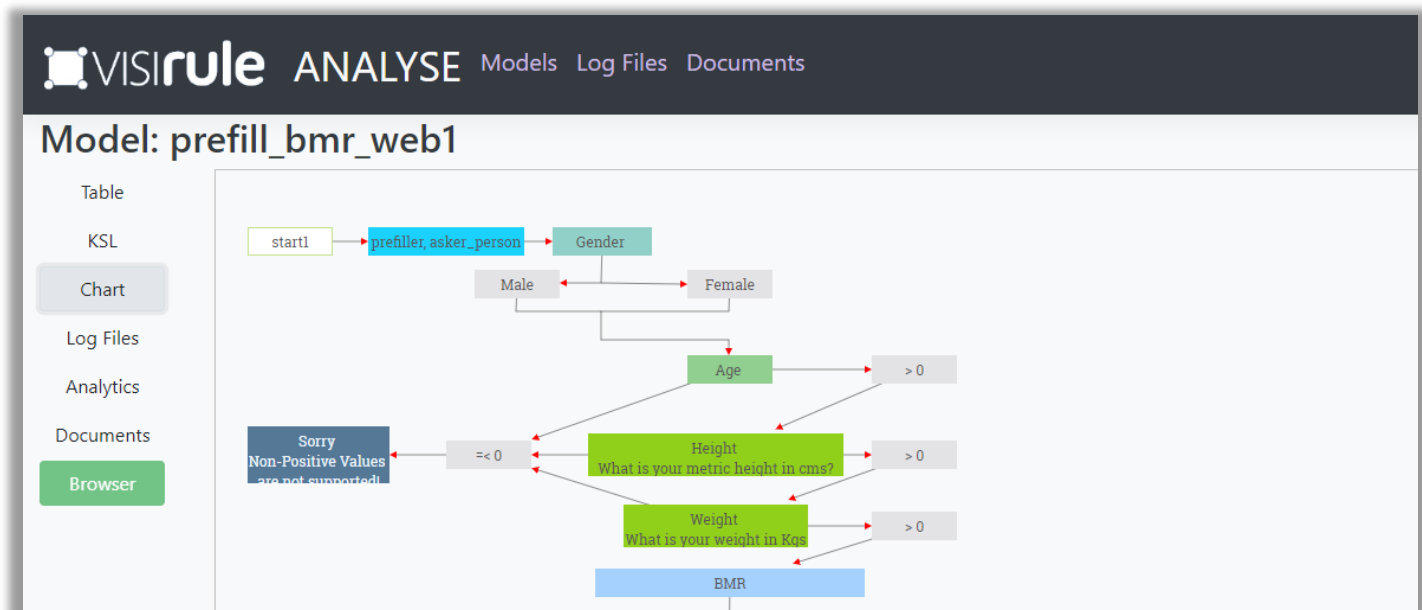
Continuous Globals Partitioned

Global	Minimum	Maximum	Count	Mean	σ^2	σ	Conclusion
BMR	1016.50	1942.75	91.00	1534.69	58416.10	241.69	Finished
BMR	-183.50	972.75	8.00	601.91	164856.30	406.02	FinishedA
BMR	2004.00	2290.00	14.00	2142.16	5360.92	73.22	FinishedC

Note – all these tables are computed on the fly using the latest logs.

So, you can go run the chart a few more times, and see the updated statistics.

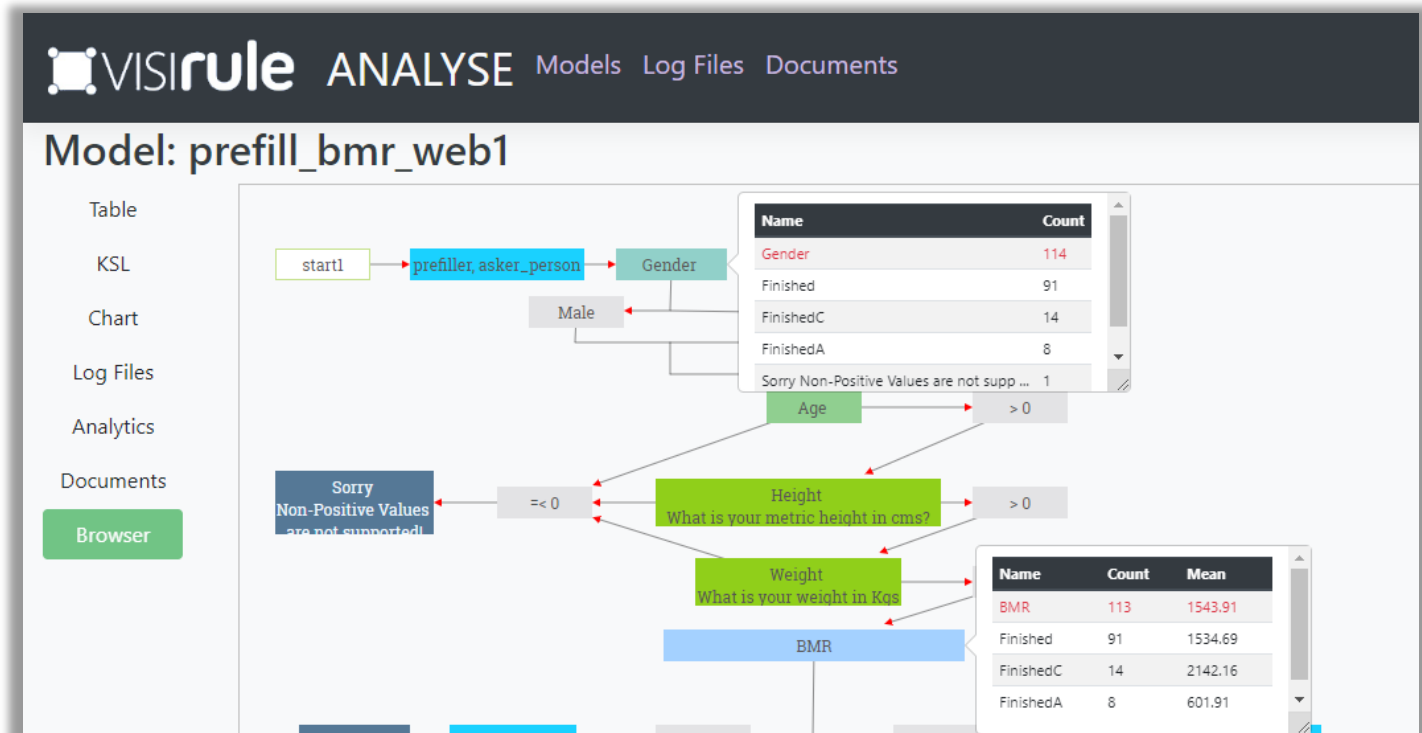
Chart



Here we can see a graphic or map of the chart in SVG.

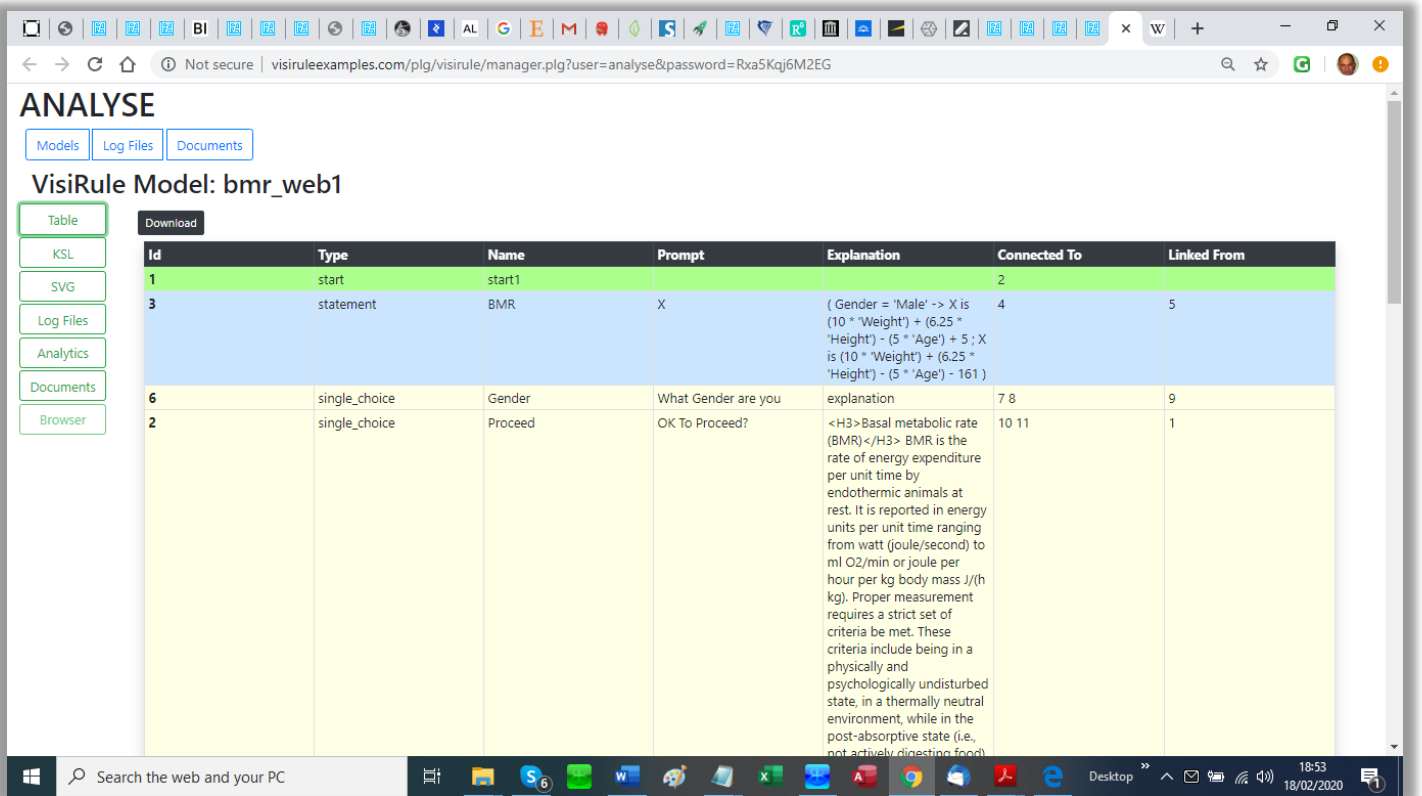
Now by clicking on say the Gender question, you can see the various counts associated with that questions.

Same goes for the calculated BMR statement box.



VisiRule

This shows the chart exported as a table




The screenshot displays the VisiRule web application interface. At the top, the browser address bar shows the URL `visiruleexamples.com/plg/visirule/manager.plg?user=analyse&password=Rxa5Kqj6M2EG`. The main heading is "ANALYSE", with sub-links for "Models", "Log Files", and "Documents". Below this, the specific model is identified as "VisiRule Model: bmr_web1". A left-hand sidebar contains navigation buttons: "Table" (highlighted), "KSL", "SVG", "Log Files", "Analytics", "Documents", and "Browser". A "Download" button is located above the table. The table itself has seven columns: "Id", "Type", "Name", "Prompt", "Explanation", "Connected To", and "Linked From". It contains five rows of data, each representing a rule in the model. The first row is a start node. The second row is a statement defining the BMR formula. The third and fourth rows are single-choice prompts for "Gender" and "Proceed". The fifth row is a detailed explanation of the Basal Metabolic Rate (BMR) concept.

Id	Type	Name	Prompt	Explanation	Connected To	Linked From
1	start	start1			2	
3	statement	BMR	X	(Gender = 'Male' -> X is (10 * 'Weight') + (6.25 * 'Height') - (5 * 'Age') + 5 ; X is (10 * 'Weight') + (6.25 * 'Height') - (5 * 'Age') - 161)	4	5
6	single_choice	Gender	What Gender are you	explanation	7 8	9
2	single_choice	Proceed	OK To Proceed?	<H3>Basal metabolic rate (BMR) </H3> BMR is the rate of energy expenditure per unit time by endothermic animals at rest. It is reported in energy units per unit time ranging from watt (joule/second) to ml O2/min or joule per hour per kg body mass J/(h kg). Proper measurement requires a strict set of criteria be met. These criteria include being in a physically and psychologically undisturbed state, in a thermally neutral environment, while in the post-absorptive state (i.e., not actively digesting food)	10 11	1

KSL

Shows the Flex KSL code which is generated

 **VISIRule** ANALYSE [Models](#) [Log Files](#) [Documents](#)

Model: prefill_bmr_web1

Table

KSL

Chart

Log Files

Analytics

Documents

Browser

Download

```
% This is a template file for filling by the visirule compiler.
% relation program_name( Name ) <- this can be picked up from the webflex ini file..

% Load the visirule runtime.
do ensure_loaded( system(vrllib) ).

do ensure_loaded( utils(extensions) ) .


do ensure_loaded(prolog('scripts\prefill_bmr_web1.pl')).

relation program_name( 'Prefill_bmr_web1' ) .

relation run if
restart and
```

Log Files

This shows individual log files the sessions on different days

VISIRule

ANALYSE

[Models](#)

[Log Files](#)

[Documents](#)

Model: prefill_bmr_web1

Table

KSL

Chart

Log Files

Analytics

Documents


Browser

Download

Date	Time	Model	Question Path		Globals		Conclusion	IP Address	User Agent
Mon 24 Feb 2020	10:44:28	Prefill_bmr_web1	Age	45.00	BMR	1906.25	Finished	109.78.91.69	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3945.130 Safari/537.36
			Height	145.00					
			Gender	Male					
			Weight	122.00					
Mon 24 Feb 2020	10:49:11	Prefill_bmr_web1	Age	18.00	BMR	1942.75	Finished	109.78.91.69	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3945.130 Safari/537.36
			Height	151.00					
			Gender	Female					
			Weight	125.00					
Mon 24	10:49:14	Prefill_bmr_web1	Aqe	75.00	BMR	40.00	FinishedA	109.78.91.69	Mozilla/5.0 (Windows NT 10.0; Win64;

Documents

This should all the generated documents for the chart

 **VISIRule** ANALYSE

[Models](#) [Log Files](#) [Documents](#)

Model: prefill_bmr_web1

Table

KSL

Chart

Log Files

Analytics

Documents

Browser

Generated Documents

Model	Name	Links	Date
prefill_bmr_web1	report_prefill_bmr_web1_20200302_1	Text XML RTF	Mon 02 Mar 2020
prefill_bmr_web1	report_prefill_bmr_web1_20200302_2	Text XML RTF	Mon 02 Mar 2020
prefill_bmr_web1	report_prefill_bmr_web1_20200302_3	Text XML RTF	Mon 02 Mar 2020
prefill_bmr_web1	report_prefill_bmr_web1_20200302_4	Text XML RTF	Mon 02 Mar 2020

Notes:

Access to the underlying data in a variety of formats is available thru a rest Service and download option

The ability to select date ranges will next be supported.