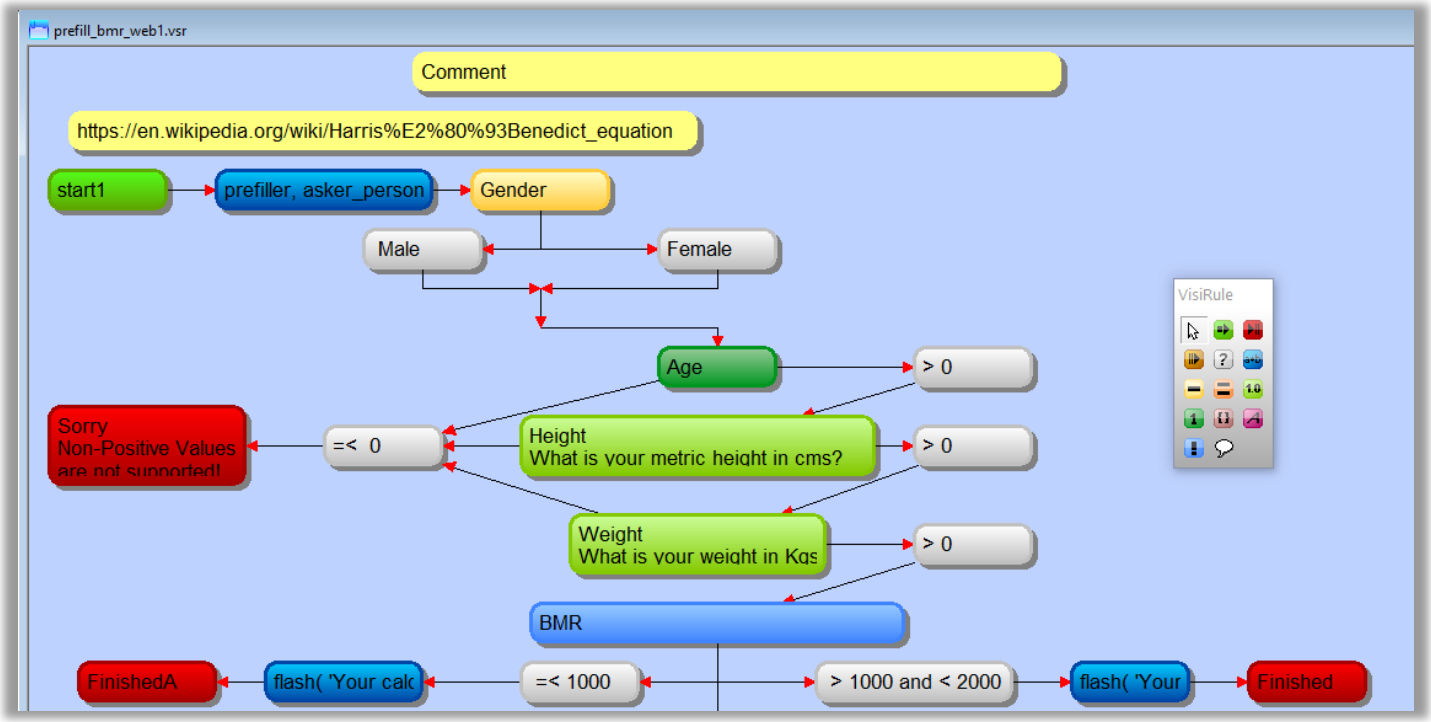
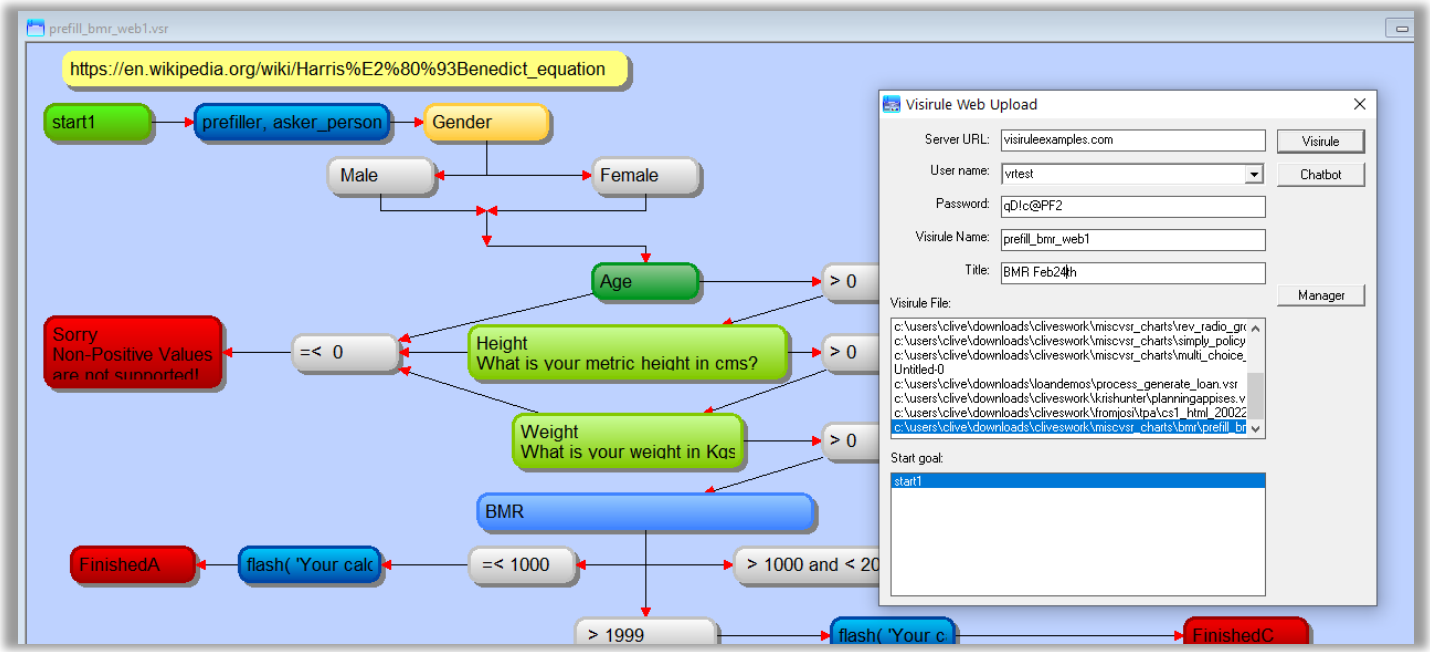
VisiRule Manager & Chart Analytics March 2nd 2020

We have a VisiRule chart with some questions and calculations:



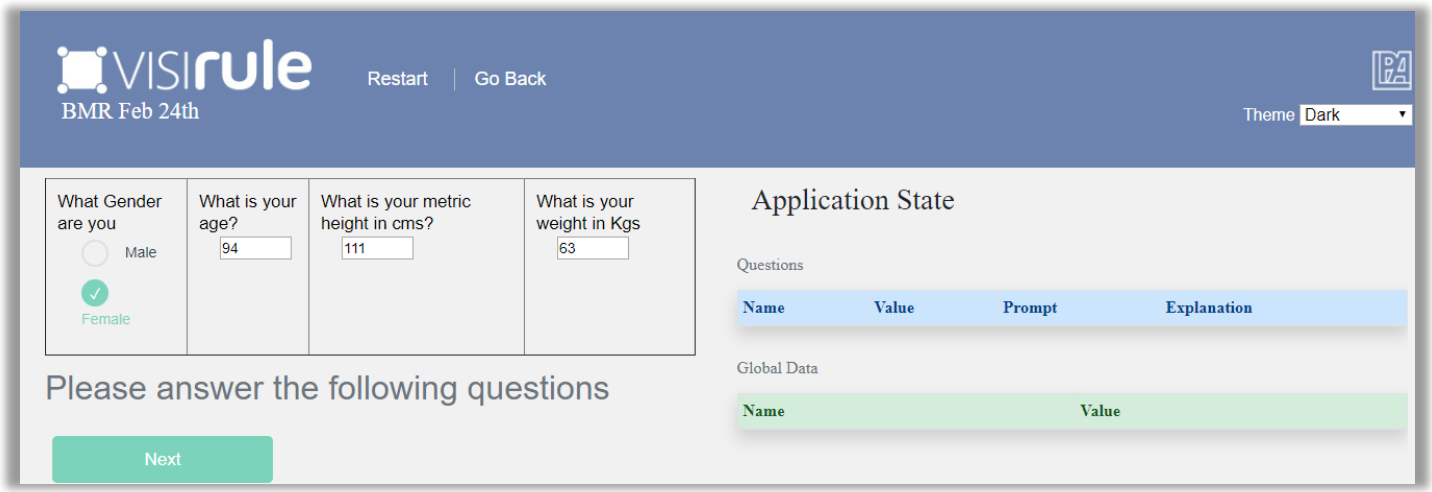
We can publish the chart using the VisiRule Uploader.



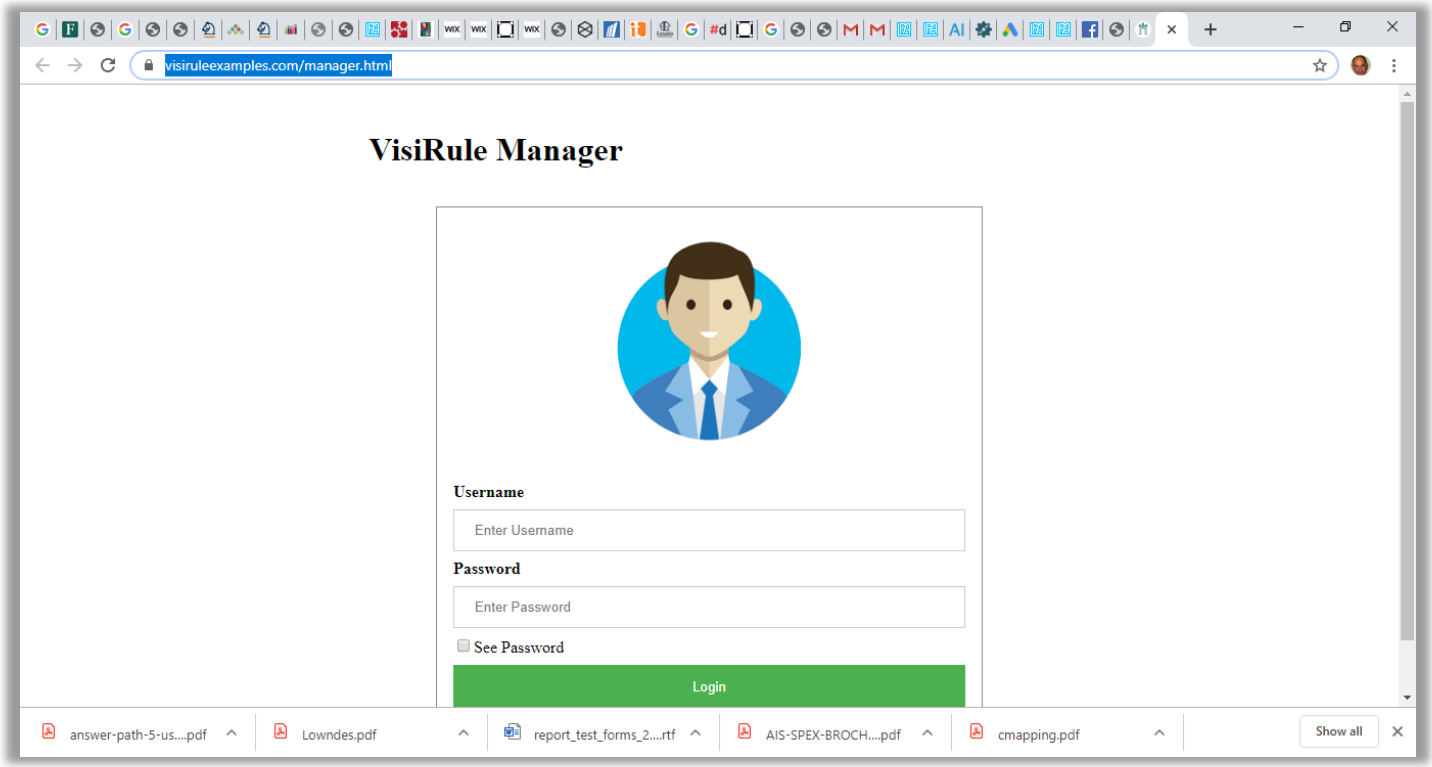
You can run the chart on:

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

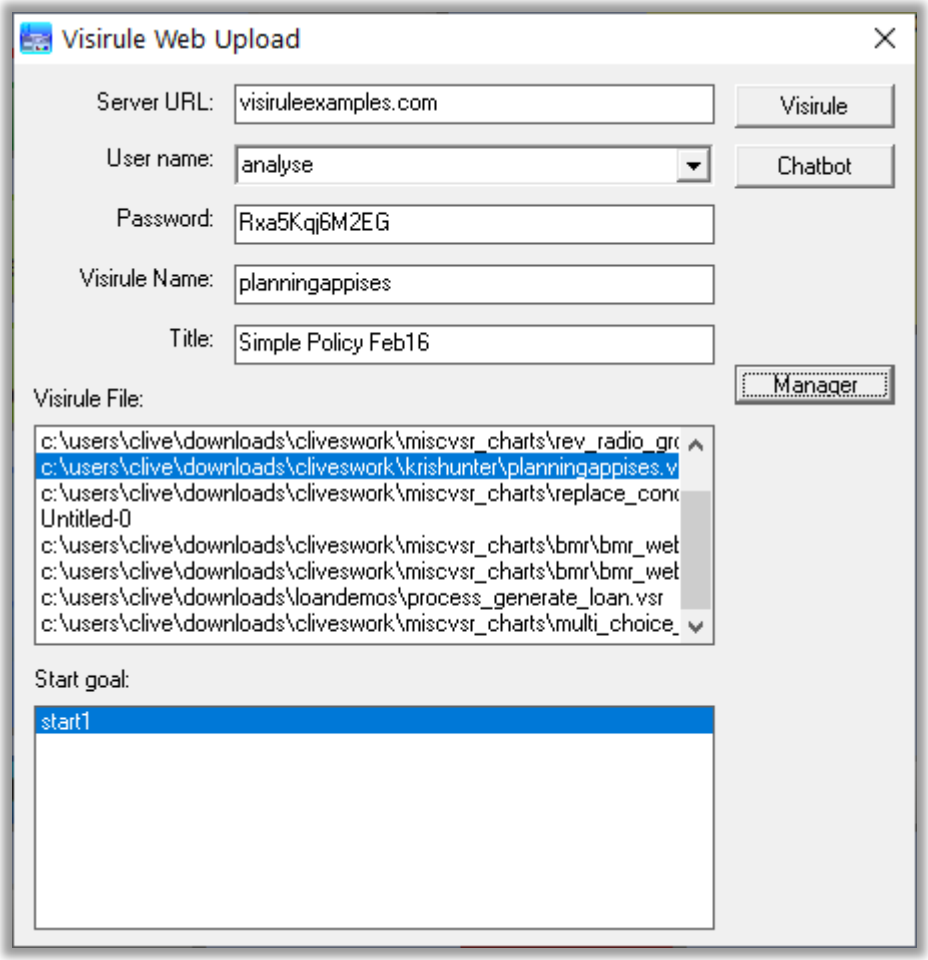
When the chart is published it generates a simple questionnaire for users to complete



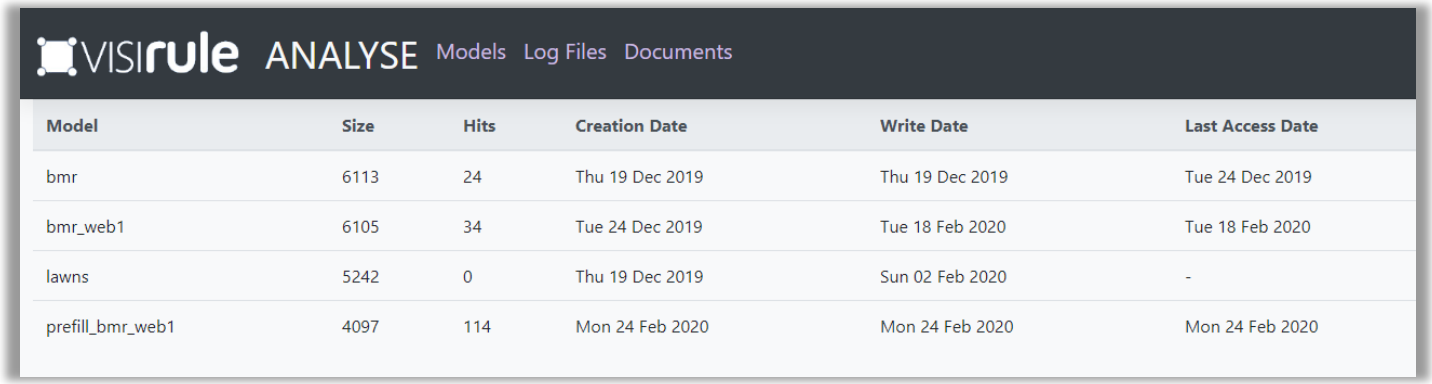
We can log into the VisiRule Manager from:
https://visiruleexamples.com/manager.html



Or using the Uploader

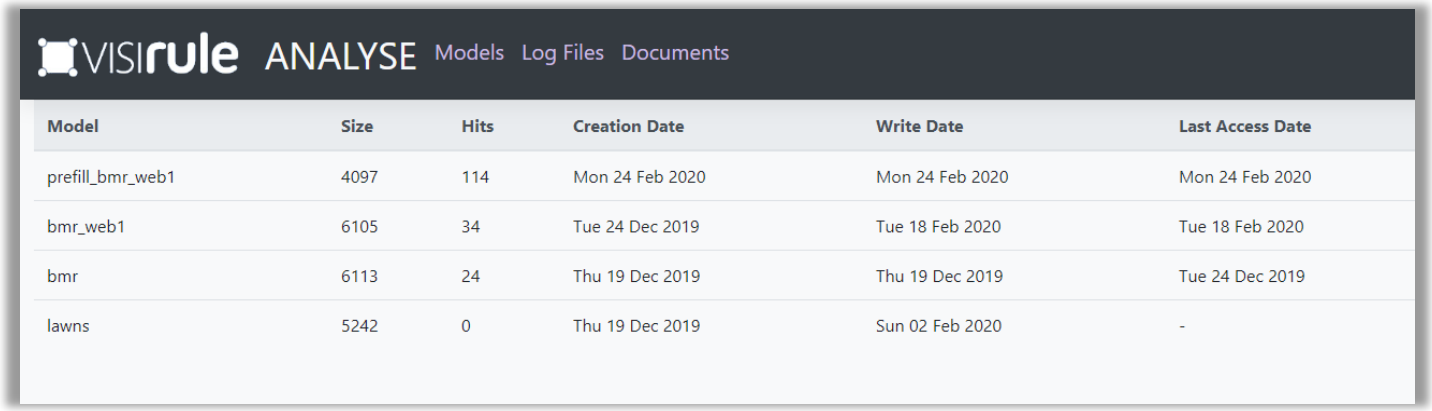


This shows all the models (VisiRule charts) published in this user area.



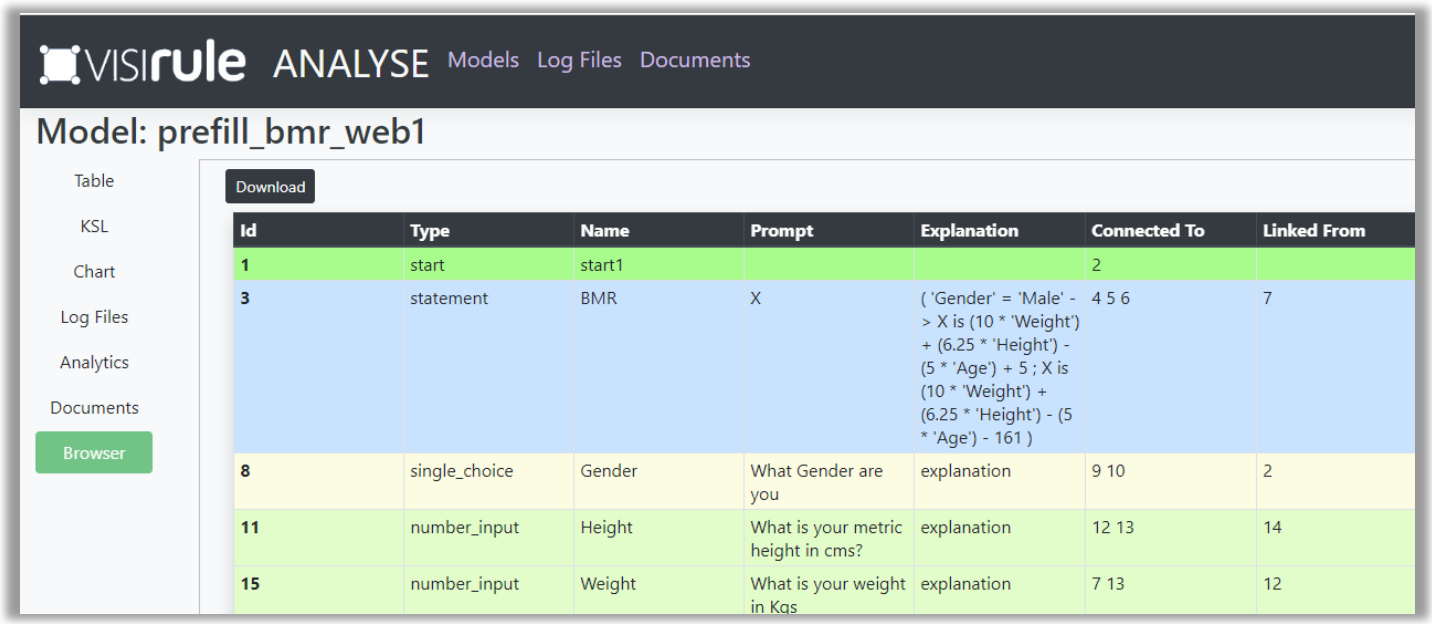
Model	Size	Hits	Creation Date	Write Date	Last Access Date
bmr	6113	24	Thu 19 Dec 2019	Thu 19 Dec 2019	Tue 24 Dec 2019
bmr_web1	6105	34	Tue 24 Dec 2019	Tue 18 Feb 2020	Tue 18 Feb 2020
lawns	5242	0	Thu 19 Dec 2019	Sun 02 Feb 2020	-
prefill_bmr_web1	4097	114	Mon 24 Feb 2020	Mon 24 Feb 2020	Mon 24 Feb 2020

We can sort by say size or hits



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



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

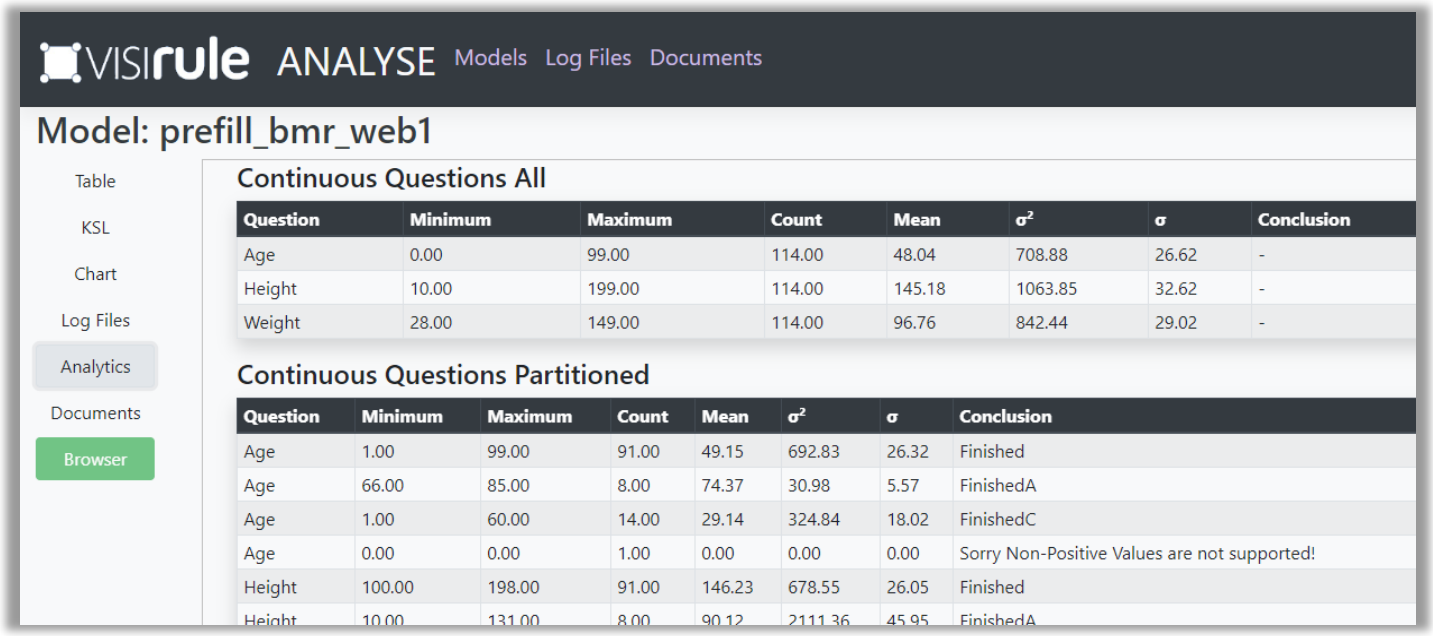
The table shows all the contents of the VisiRule chart in an HTML table – with the option to download the chart (in VSR format)

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 irregardless of conclusion reached.

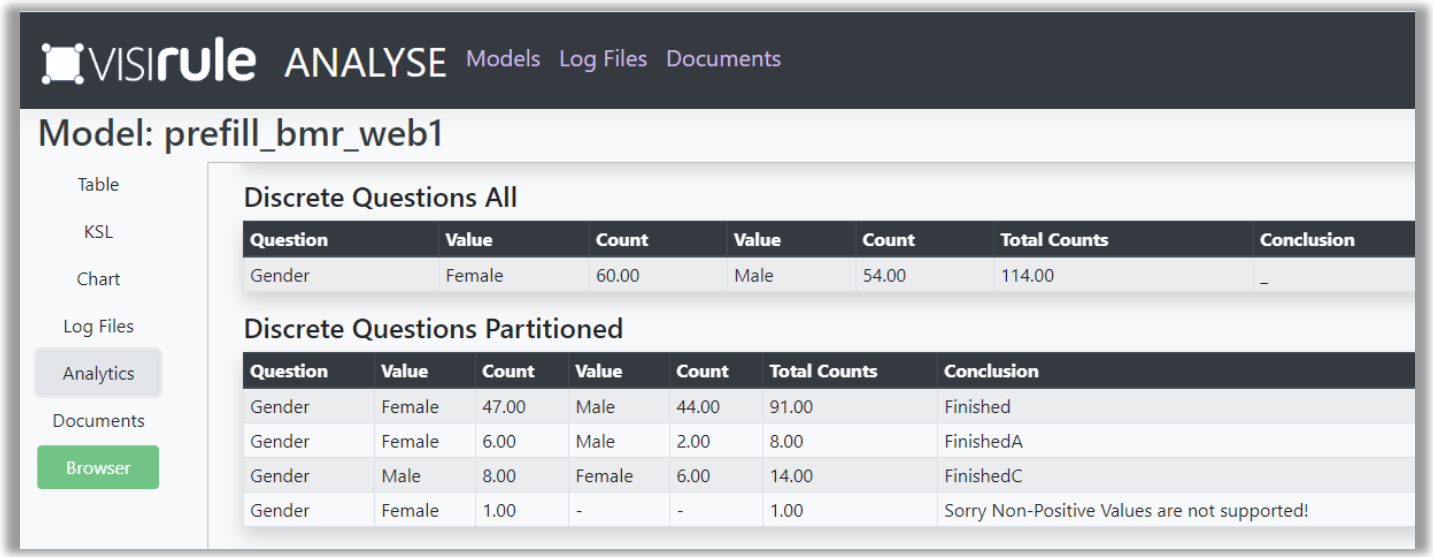
The second set of table shows counts Partitioned by reached conclusion (in this case there are 3). This is helpful in understanding the various clusters of answers formed round the different conclusions.



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	-

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

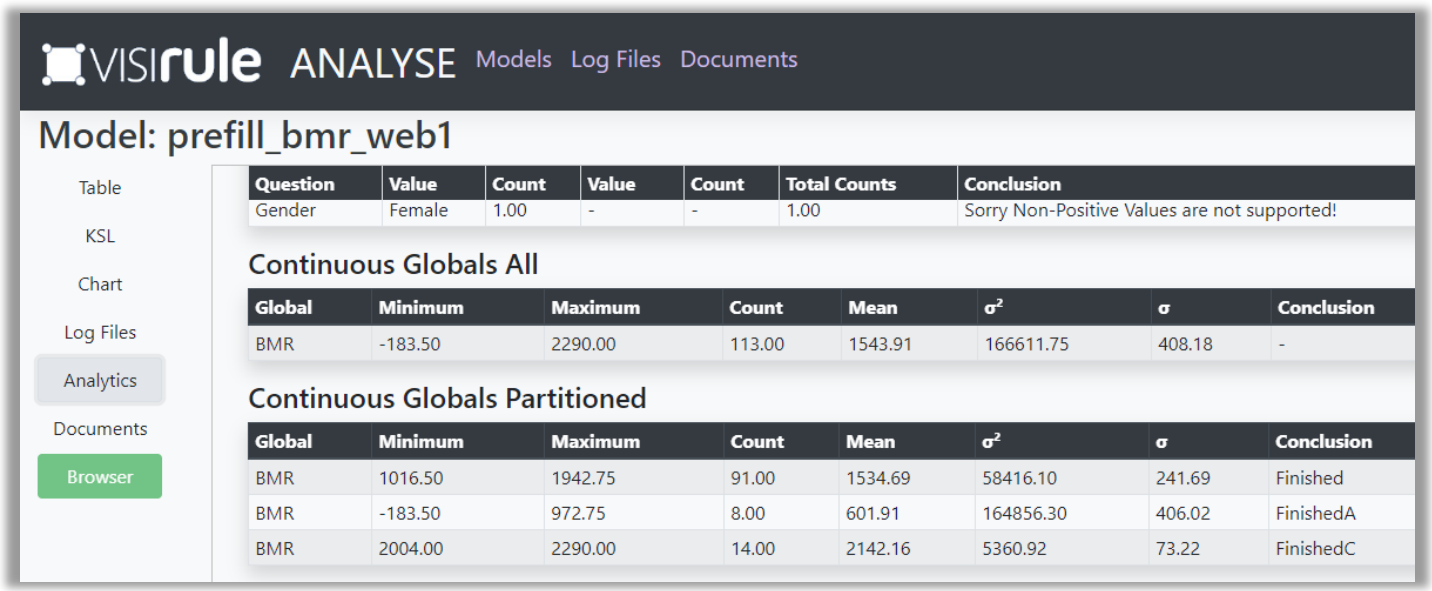
Continuous Questions are separated from Discrete Questions and have different attributes



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

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!

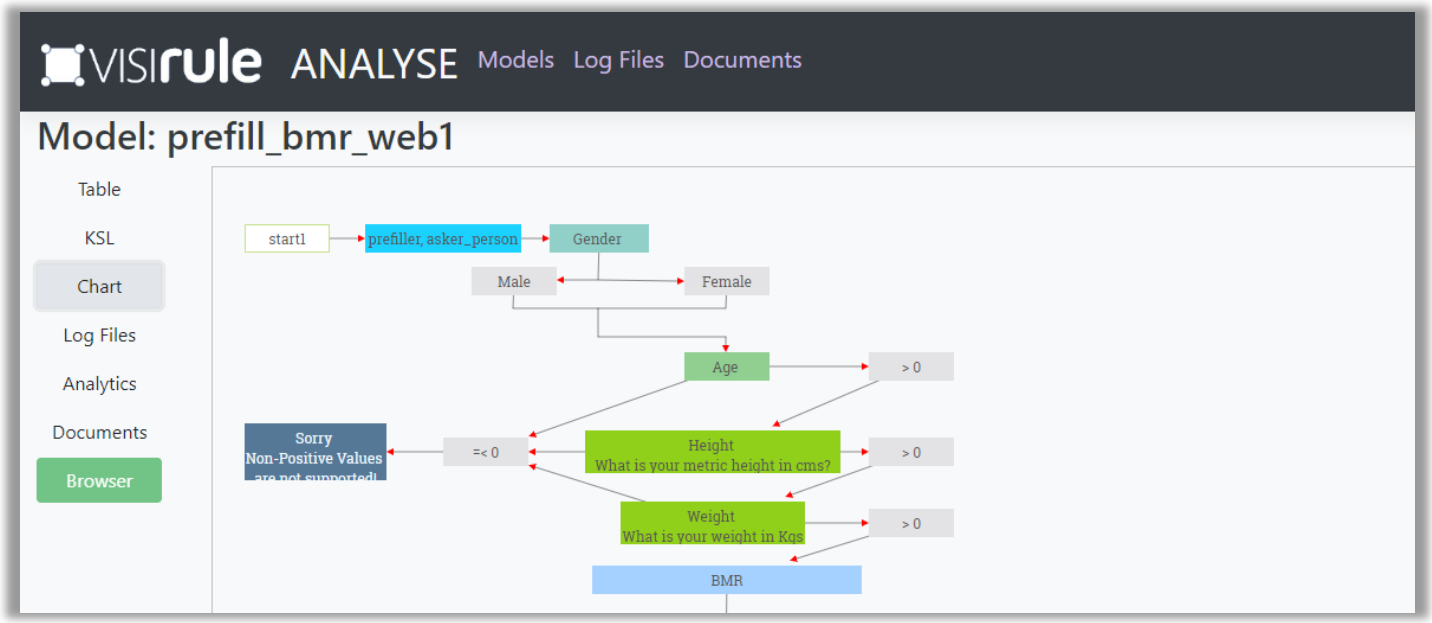
Same with Globals – both discrete and continuous



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.

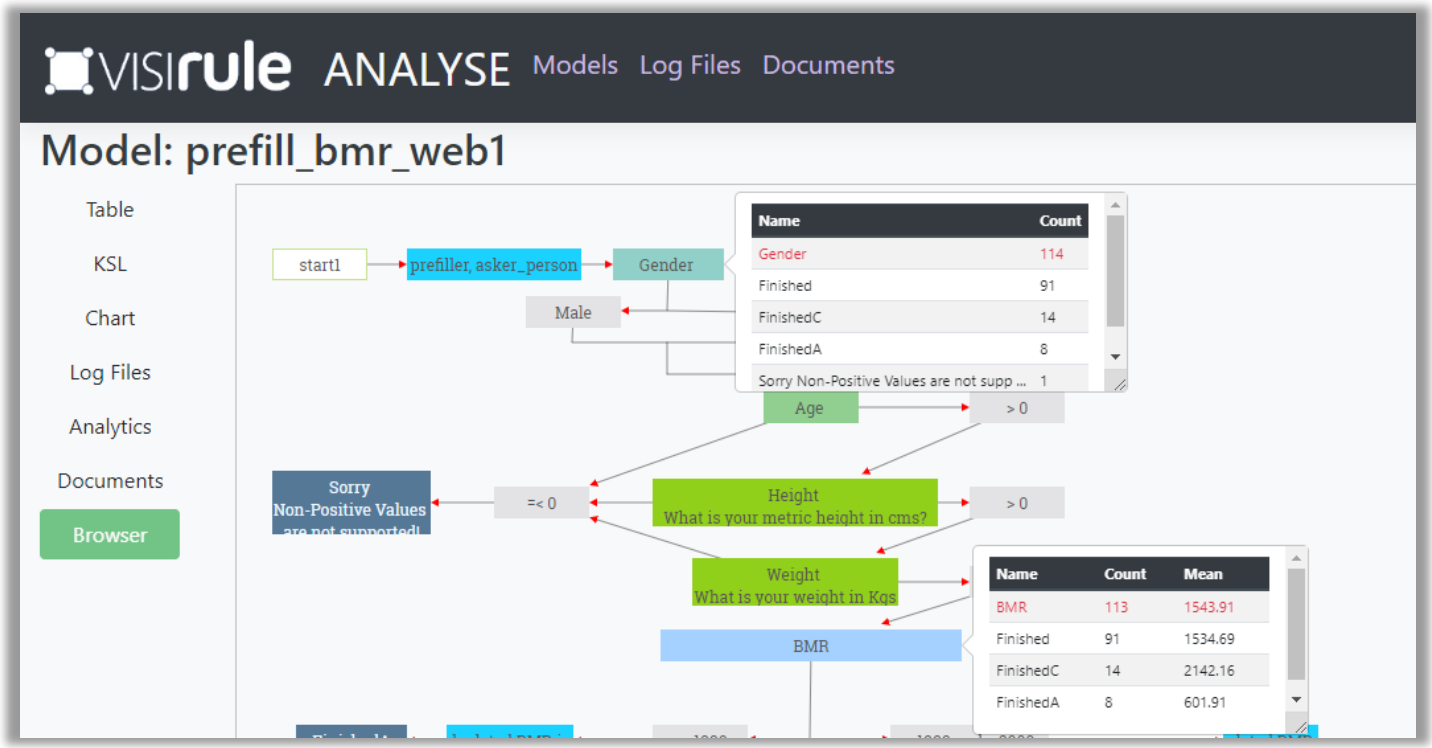
Chart



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

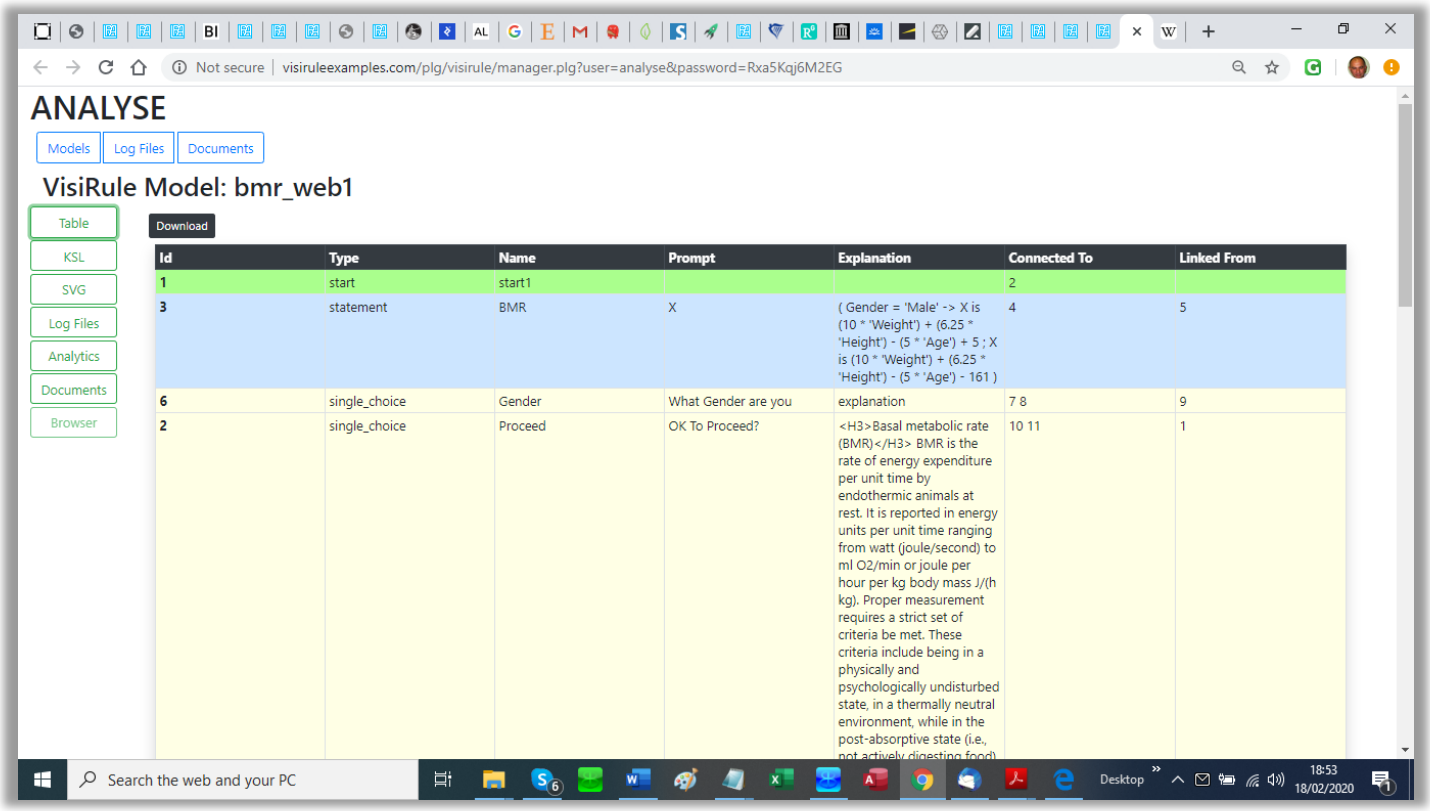
Now by clicking on say the Gender question, you can see the various counts associated with that questions.

Same goes for the calculated BMR statement box.



VisiRule

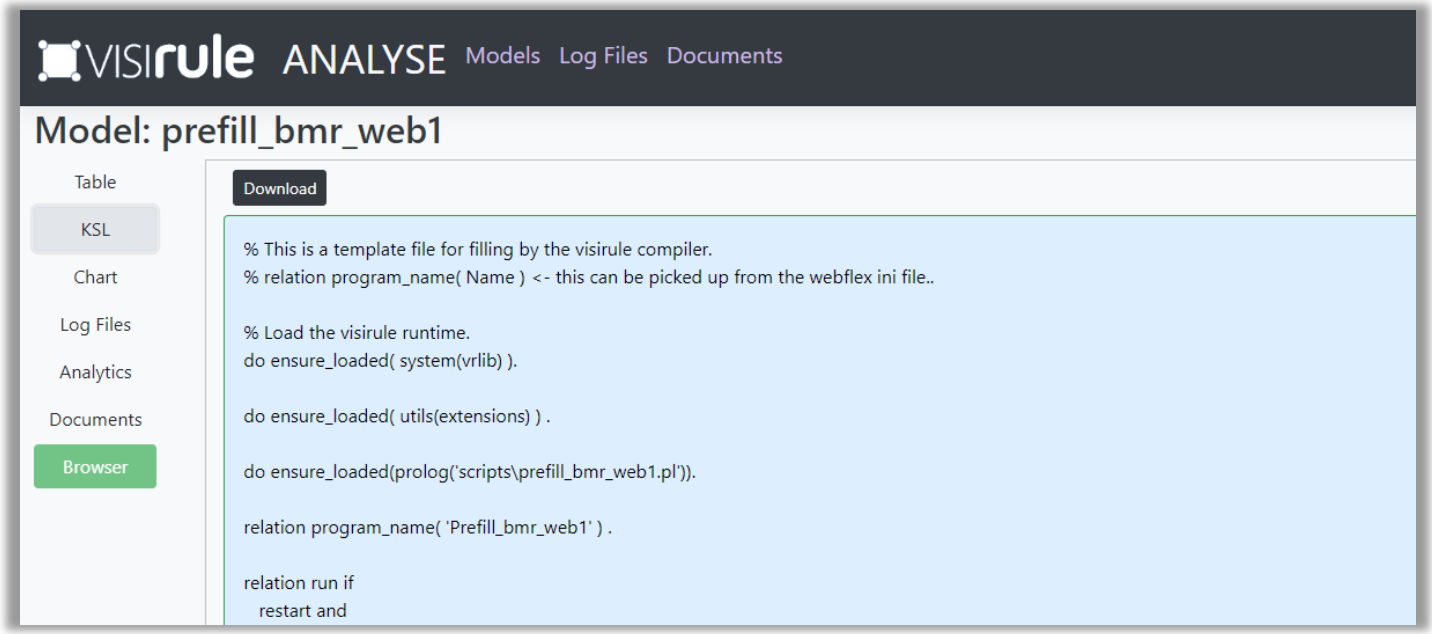
This shows the chart exported as a table



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

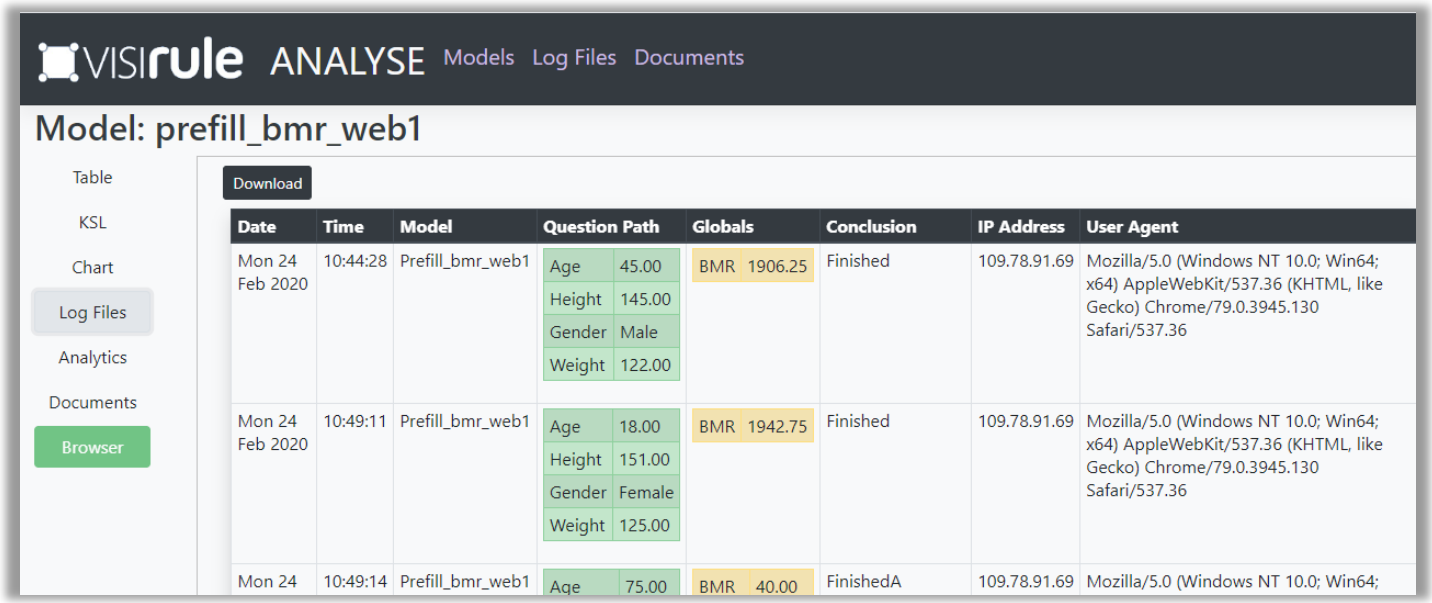
KSL

Shows the Flex KSL code which is generated



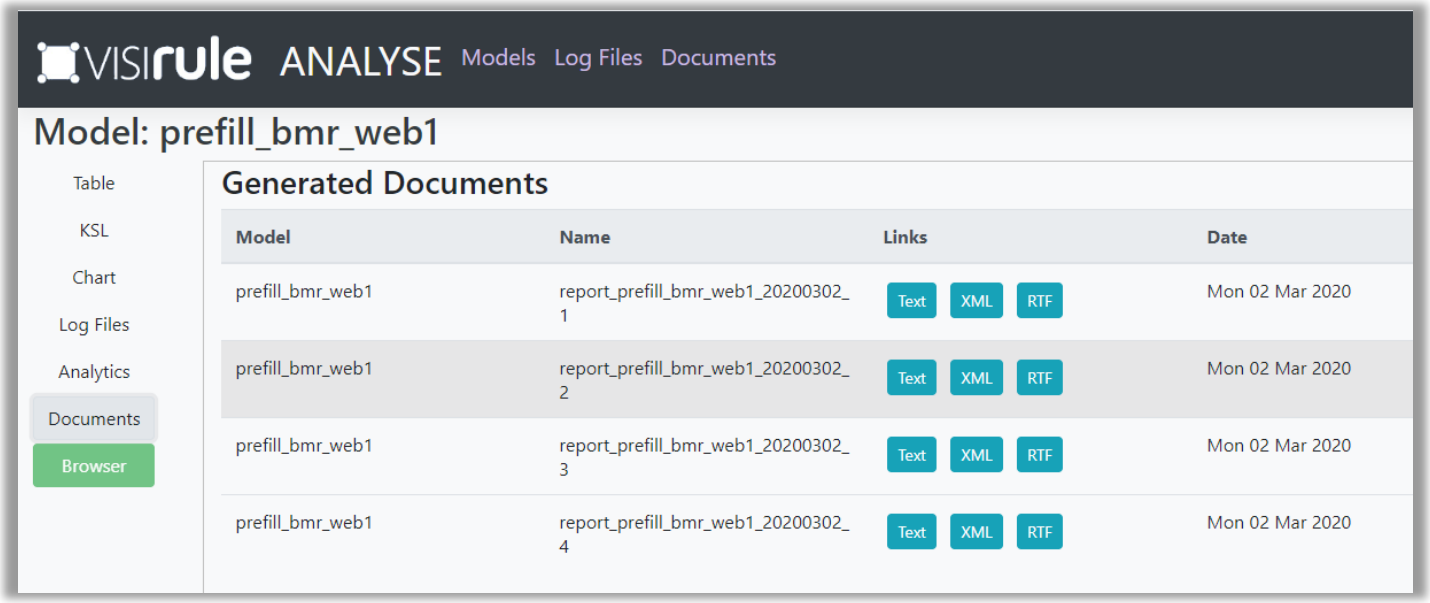
Log Files

This shows individual log files the sessions on different days



Documents

This should all the generated documents for the chart



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.