Project Development Phase

SPRINT-1

Team ID	PNT2022TMID49238
Project Name	Project – Retail Store Stock Inventory Analytics

SPRINT-1:

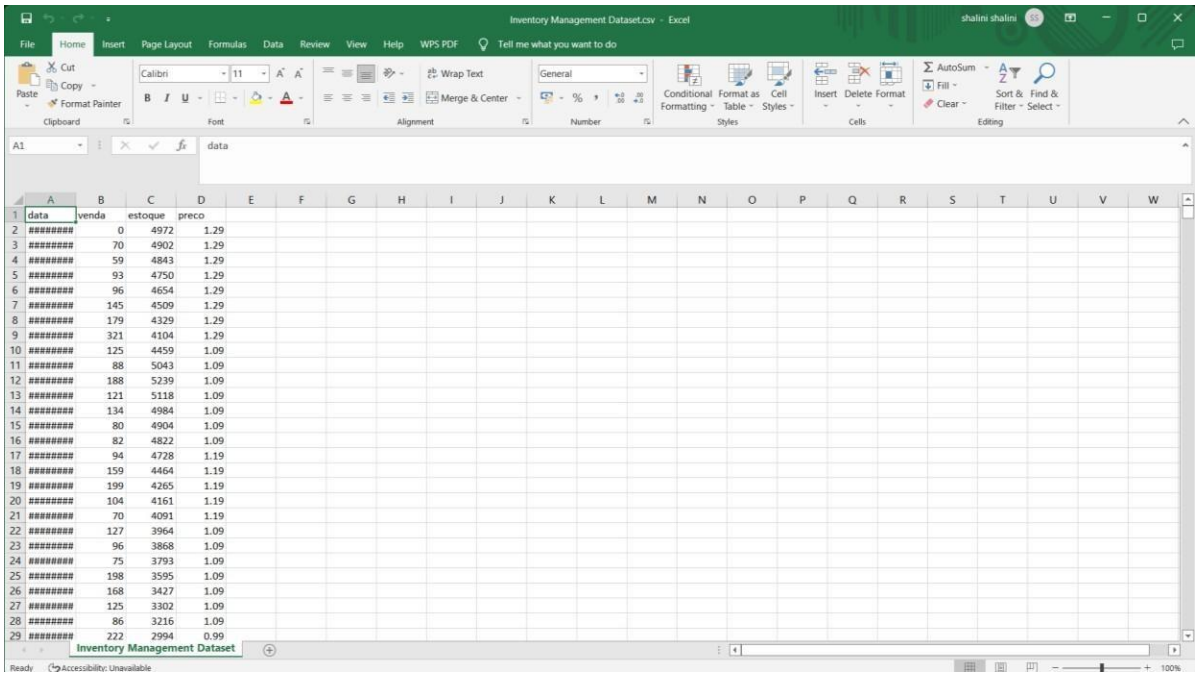
Data Collection

Data Preparation

DATA COLLECTION:

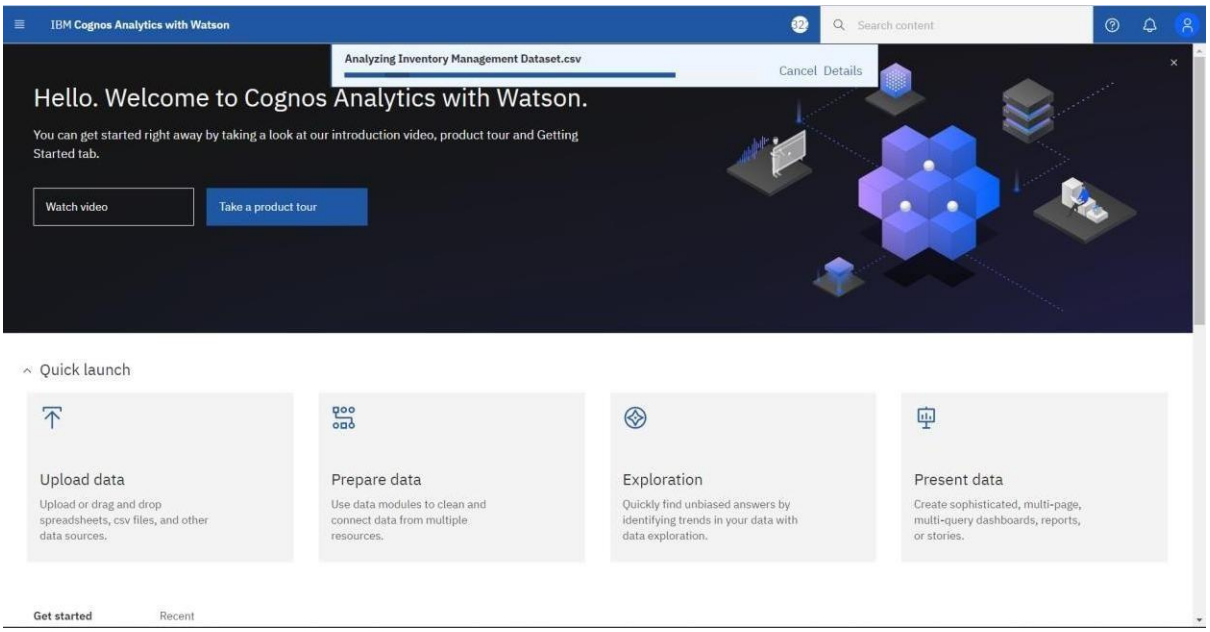
1. **Download the dataset**

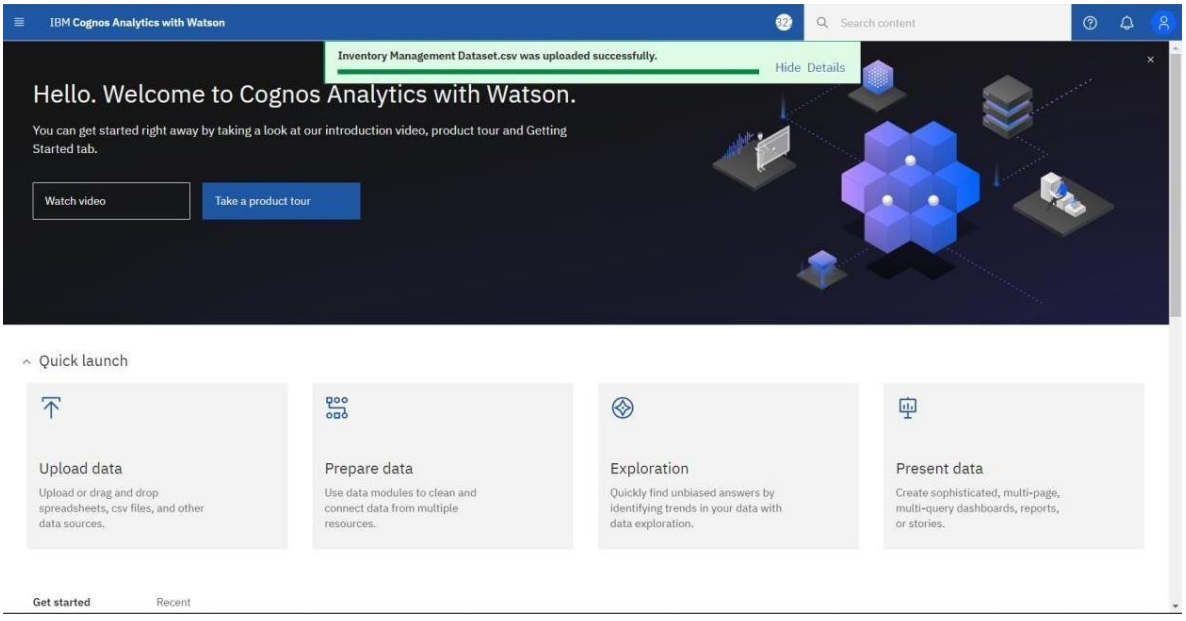
   Dataset link - https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view



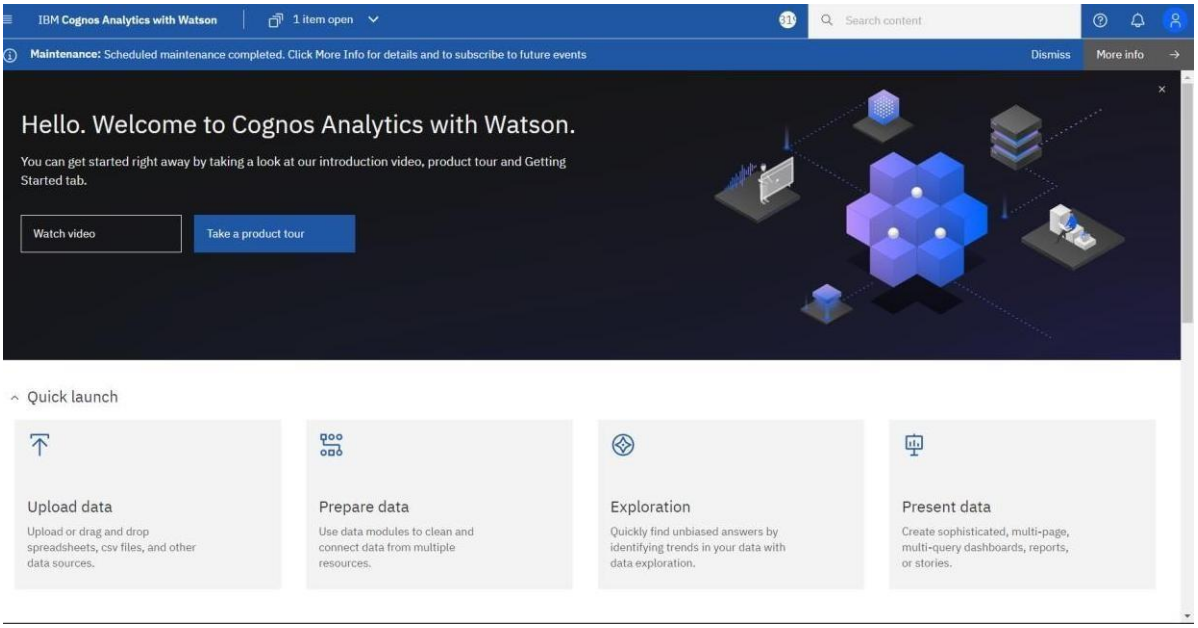
2. Loading the dataset

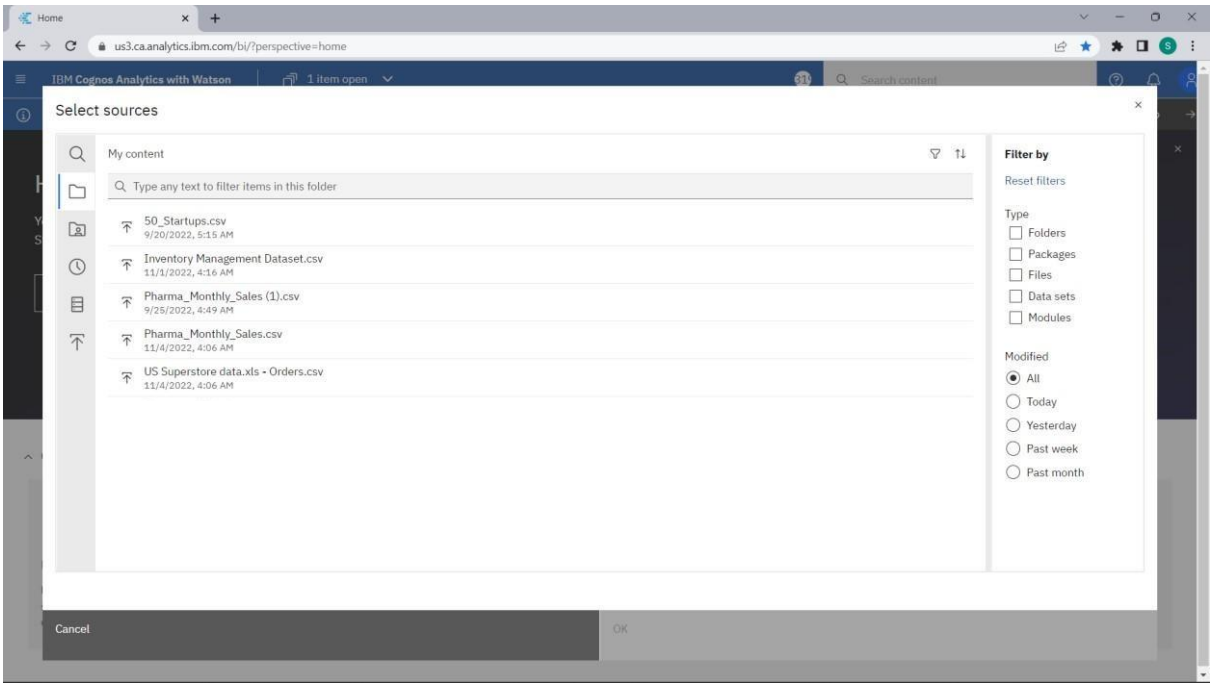
Tool Used – IBM Cognos Analytics



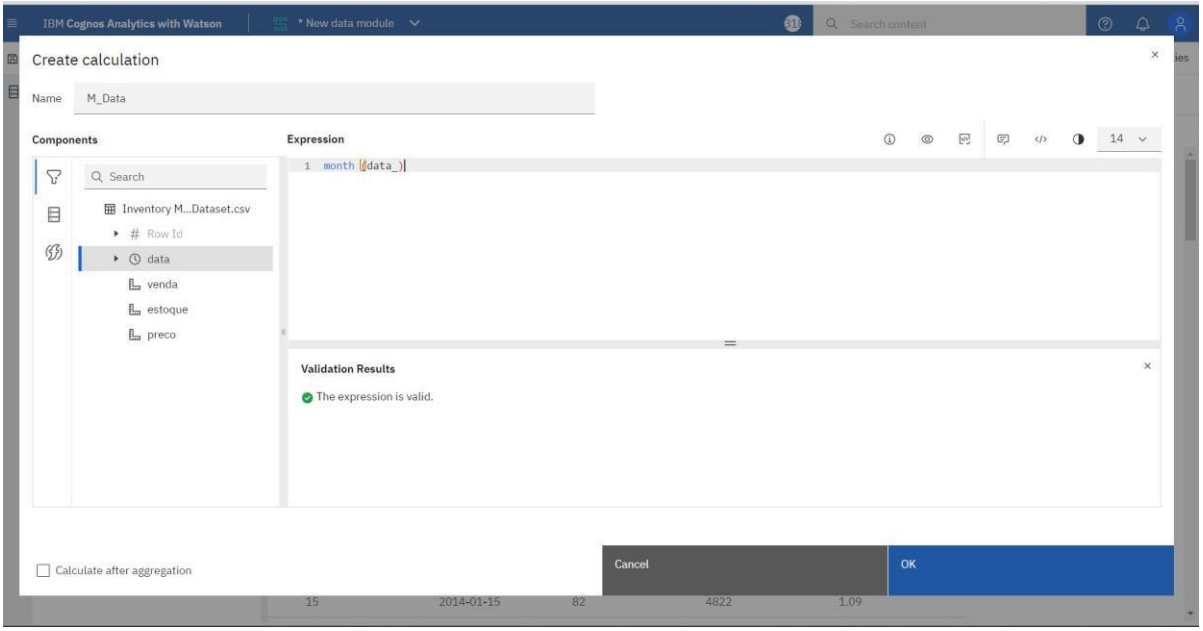


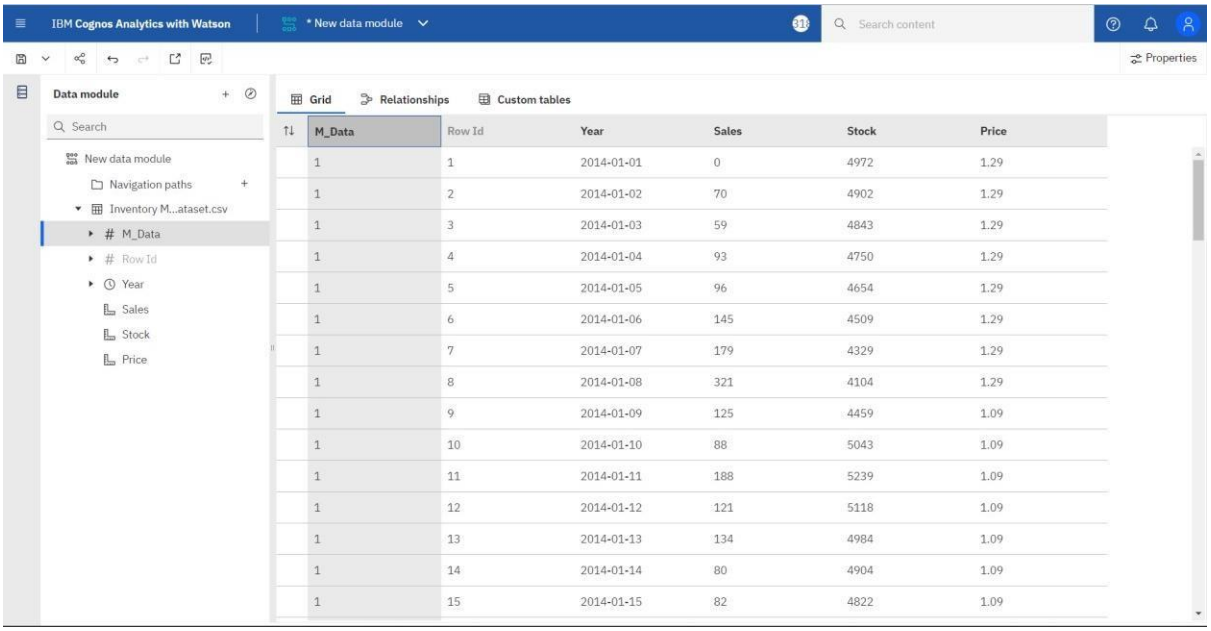
DATA PREPARATION:





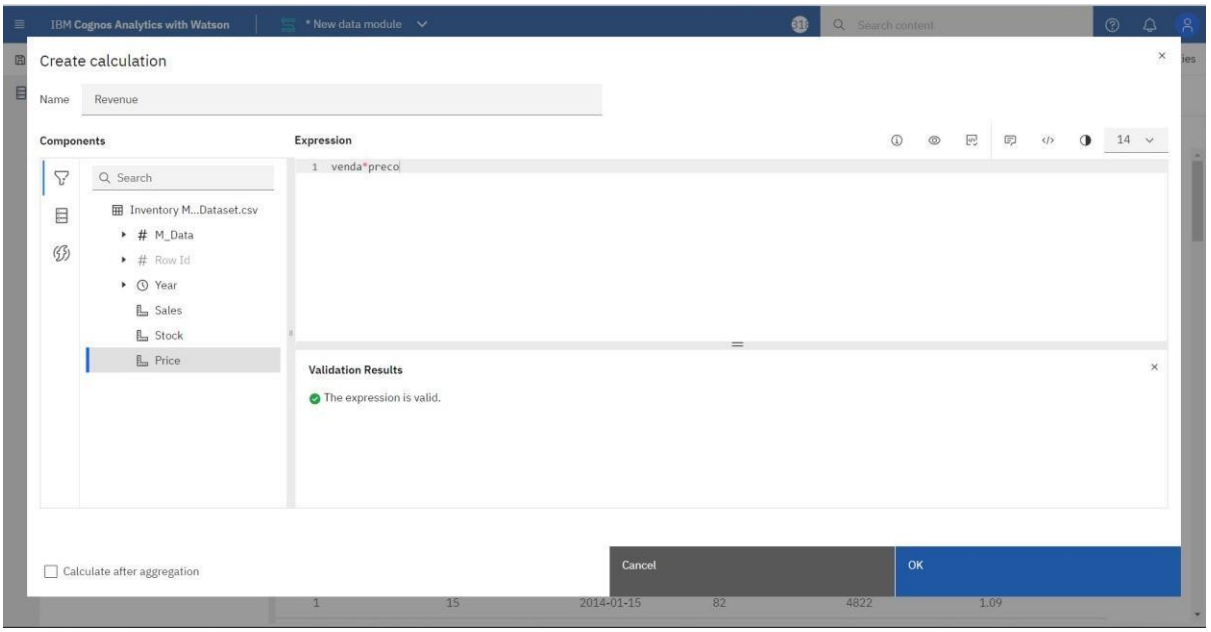
Month Data:

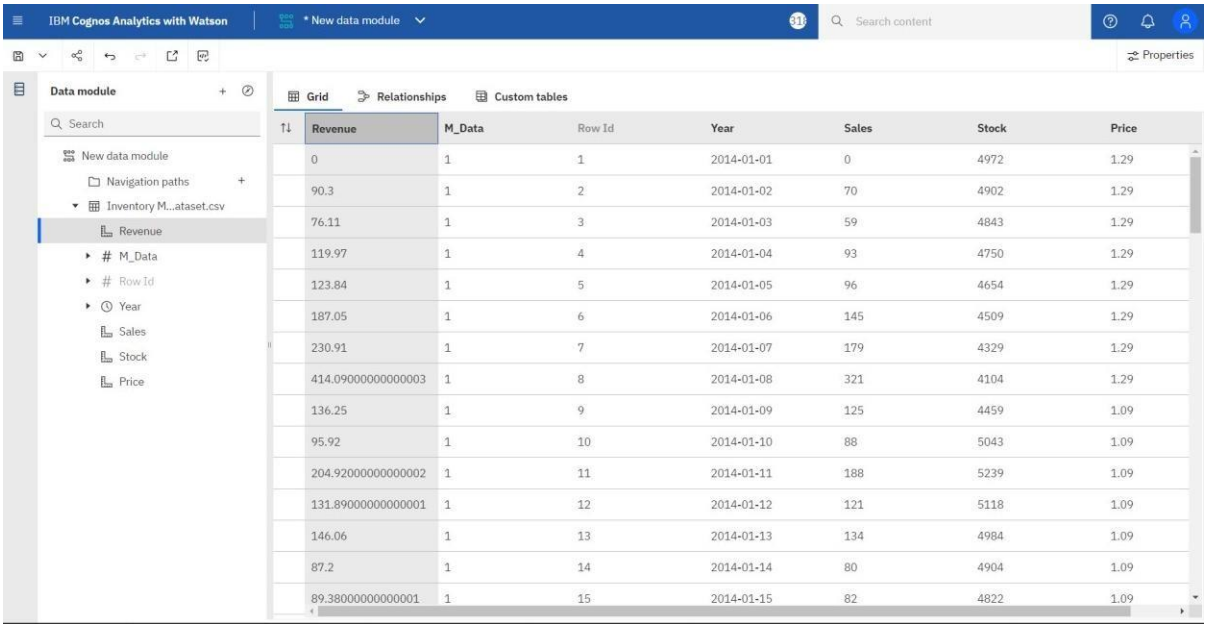




M_Data	Row Id	Year	Sales	Stock	Price
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09
1	14	2014-01-14	80	4904	1.09
1	15	2014-01-15	82	4822	1.09

Revenue Data:





Revenue	M_Data	Row Id	Year	Sales	Stock	Price
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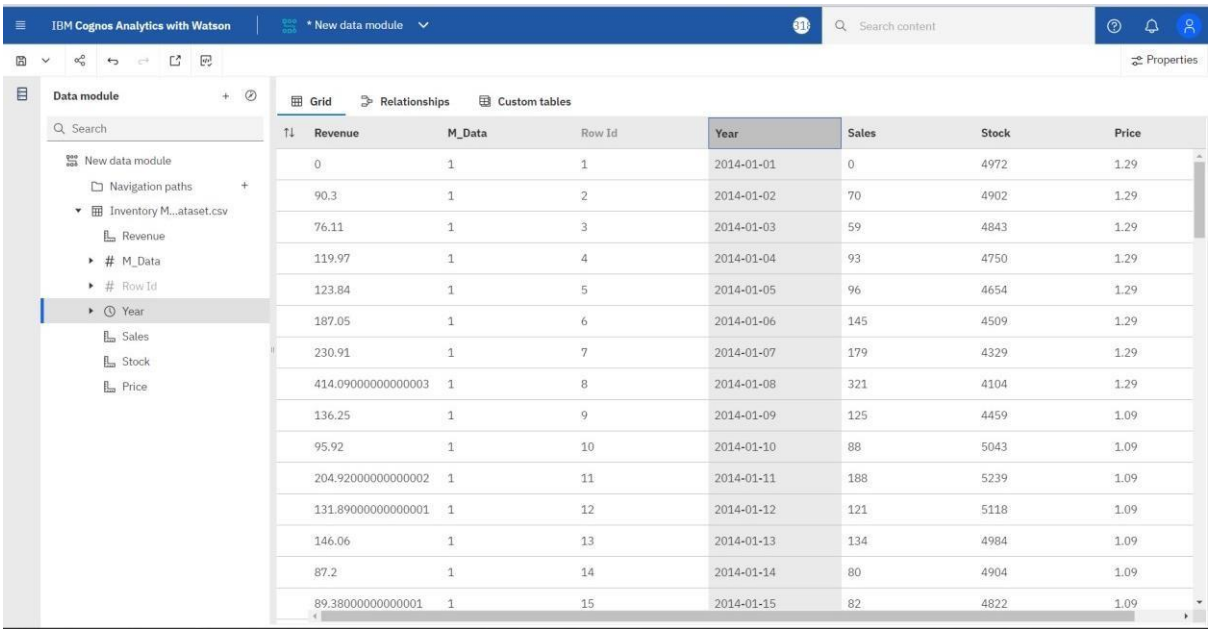
90.3	1	2	2014-01-02	70	4902	1.29
76.11	1	3	2014-01-03	59	4843	1.29
119.97	1	4	2014-01-04	93	4750	1.29
123.84	1	5	2014-01-05	96	4654	1.29
187.05	1	6	2014-01-06	145	4509	1.29
230.91	1	7	2014-01-07	179	4329	1.29
414.09000000000003	1	8	2014-01-08	321	4104	1.29
136.25	1	9	2014-01-09	125	4459	1.09
95.92	1	10	2014-01-10	88	5043	1.09
204.92000000000002	1	11	2014-01-11	188	5239	1.09
131.89000000000001	1	12	2014-01-12	121	5118	1.09
146.06	1	13	2014-01-13	134	4984	1.09
87.2	1	14	2014-01-14	80	4904	1.09
89.38000000000001	1	15	2014-01-15	82	4822	1.09

Year Data:



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123.84	1	5	2014-01-05	96	4654	1.29
187.05	1	6	2014-01-06	145	4509	1.29
230.91	1	7	2014-01-07	179	4329	1.29
414.09000000000003	1	8	2014-01-08	321	4104	1.29
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95.92	1	10	2014-01-10	88	5043	1.09
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131.89000000000001	1	12	2014-01-12	121	5118	1.09
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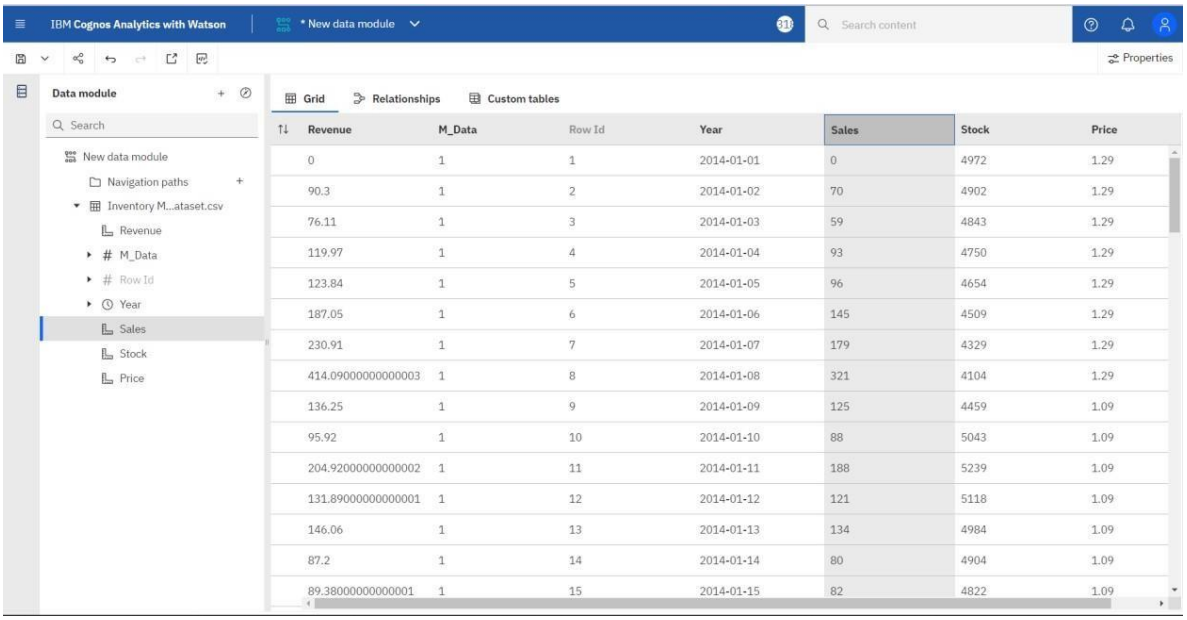
Sales Data:



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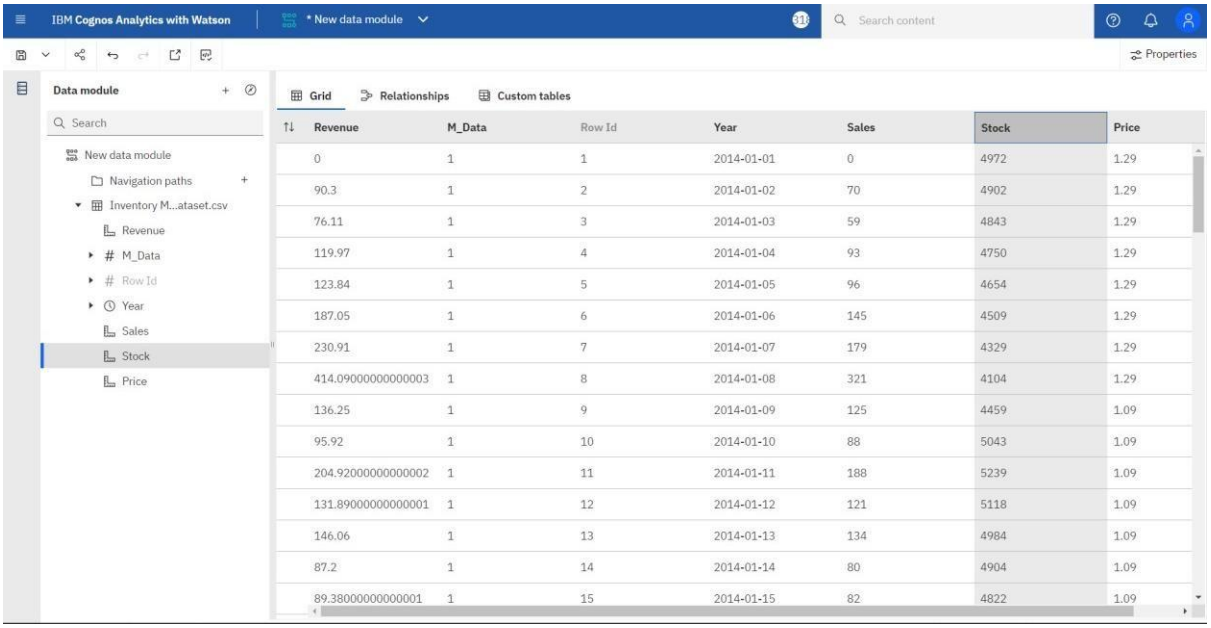
Stock Data:



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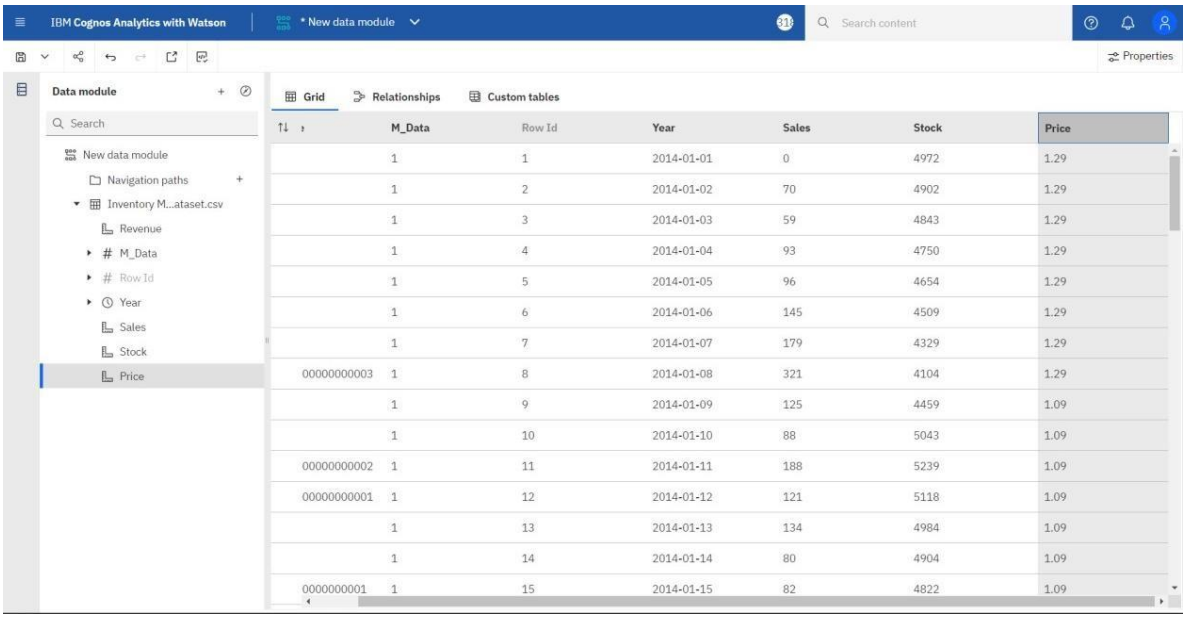
Price Data:



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1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
00000000003	1	8	2014-01-08	321	4104	1.29
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00000000002	1	11	2014-01-11	188	5239	1.09
00000000001	1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09
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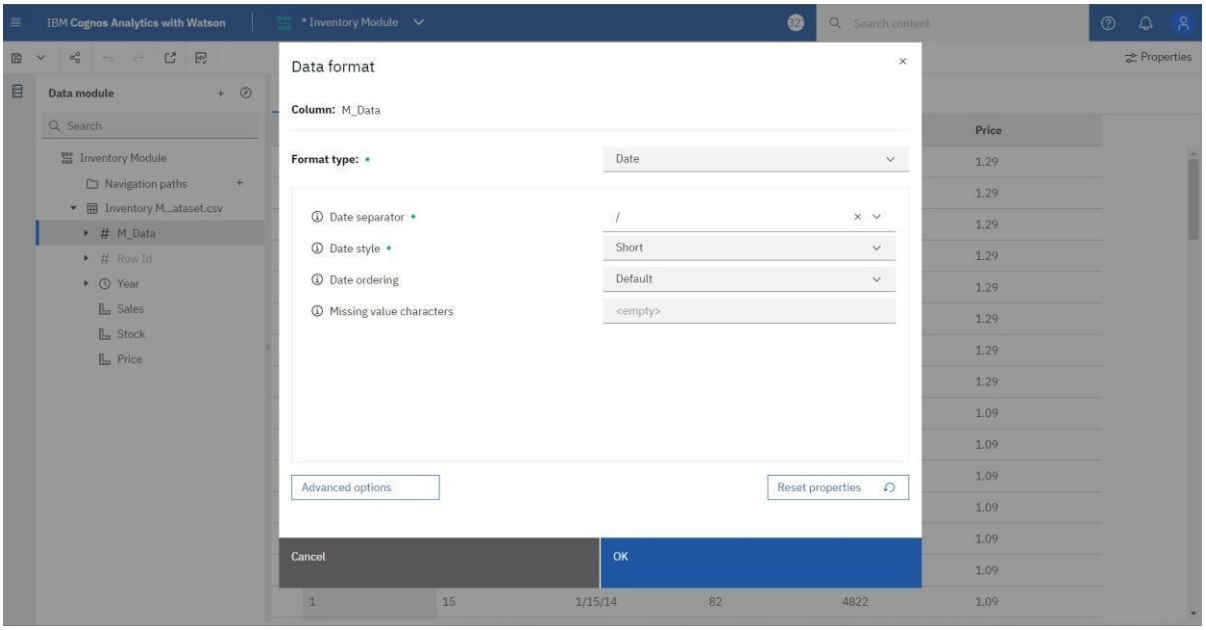
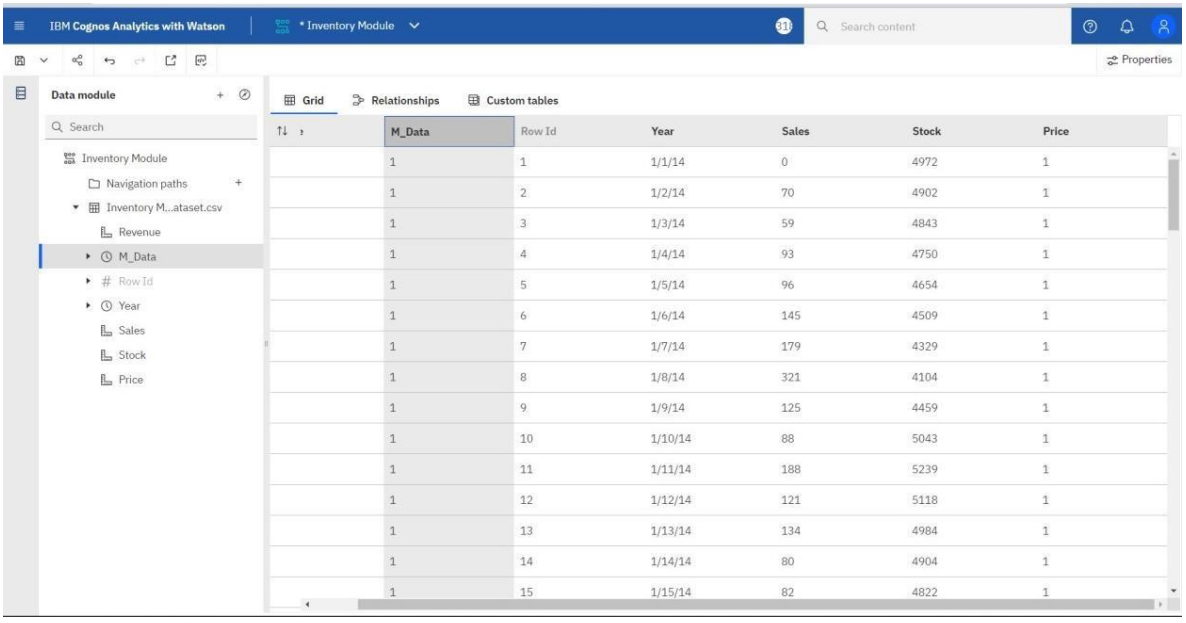
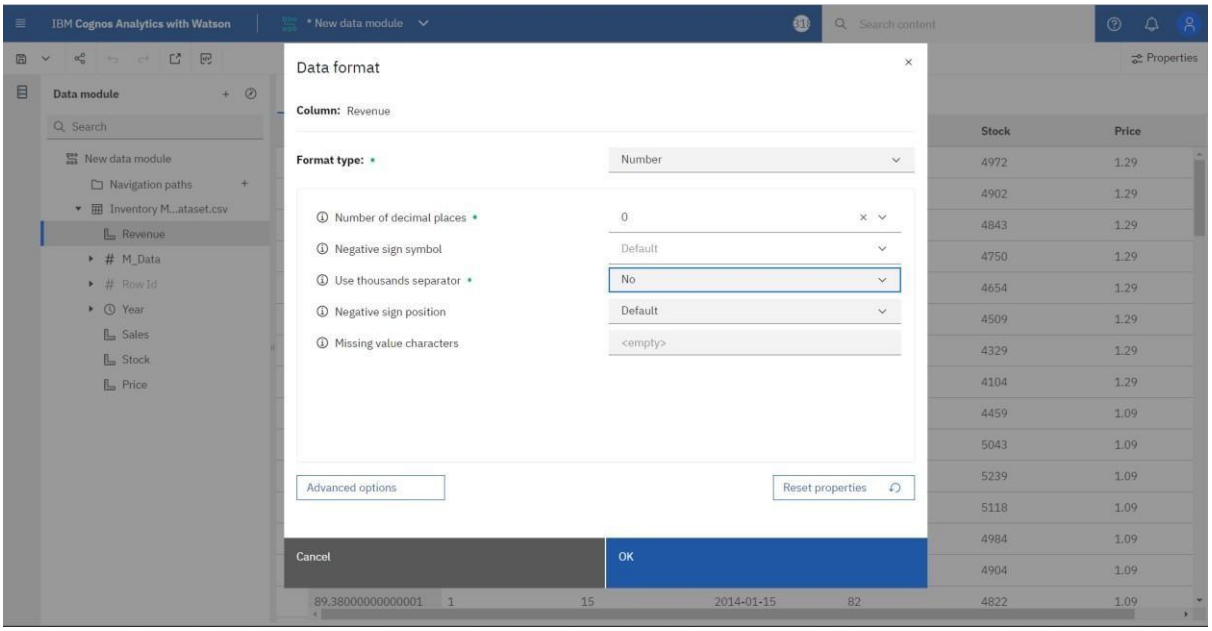
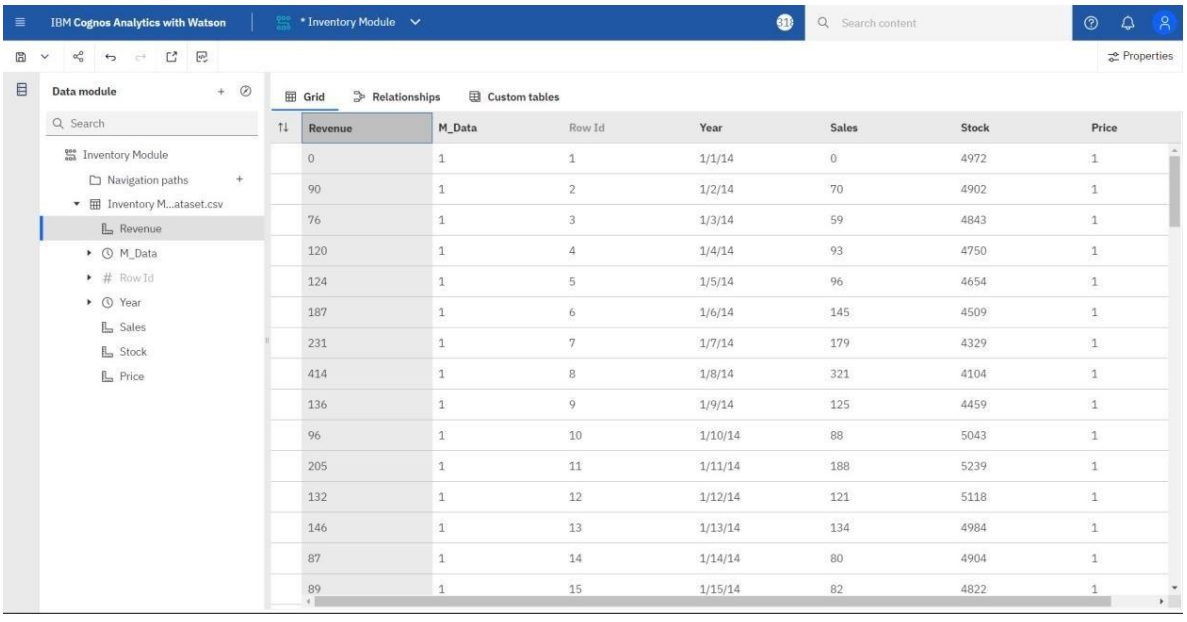
Month Format Data:



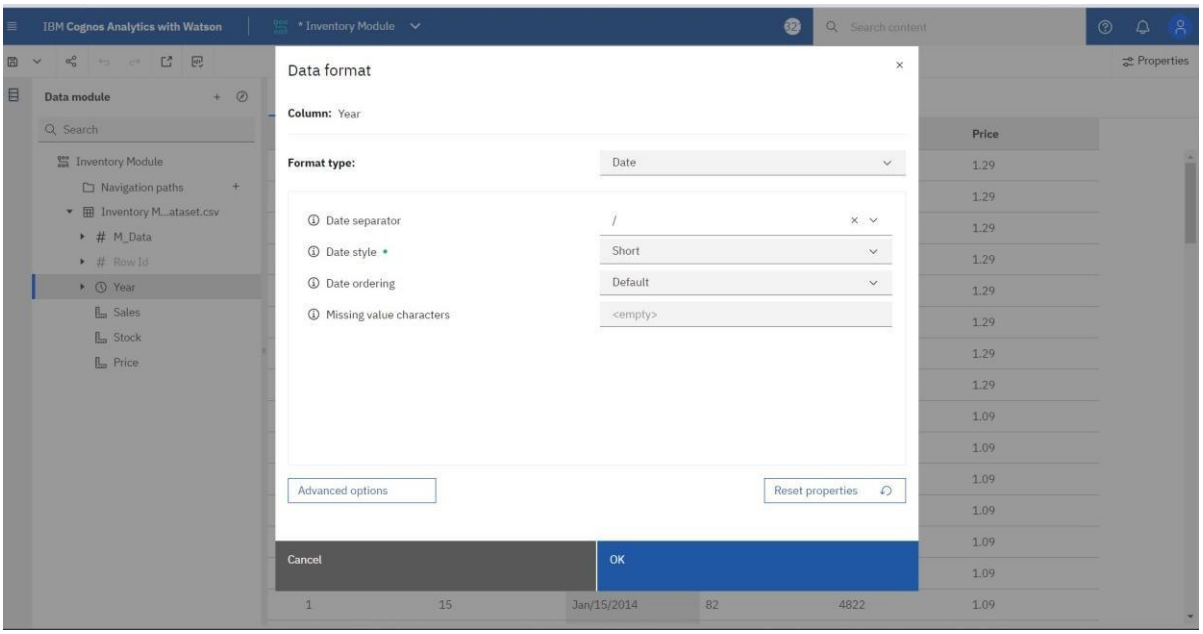


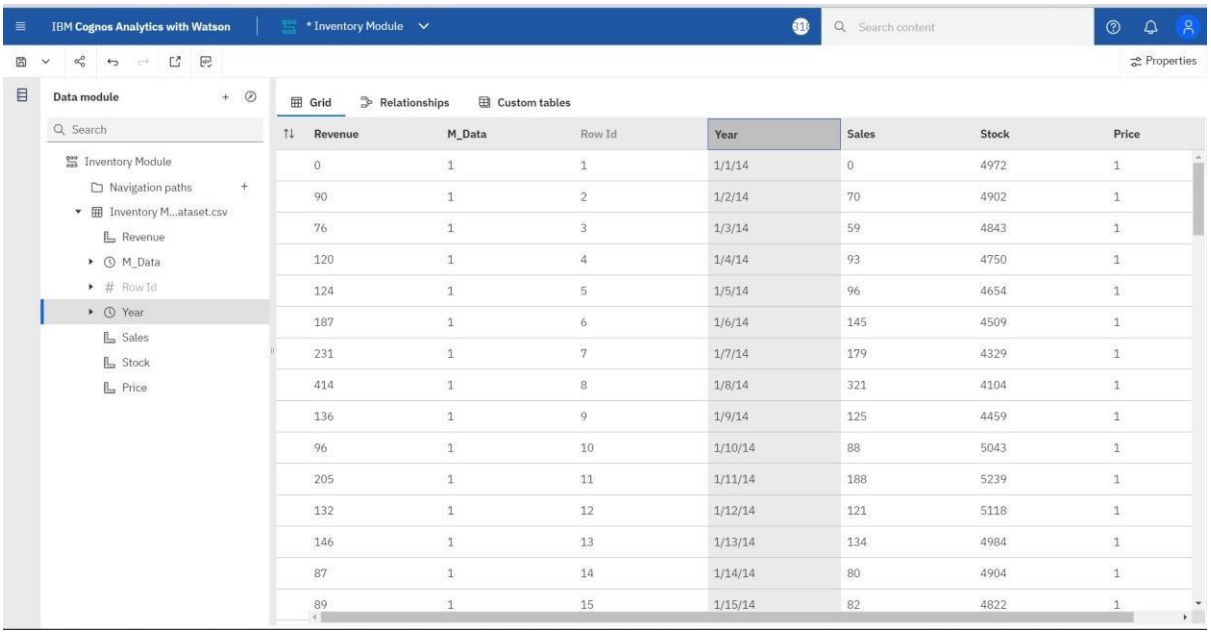
Revenue Format Data:



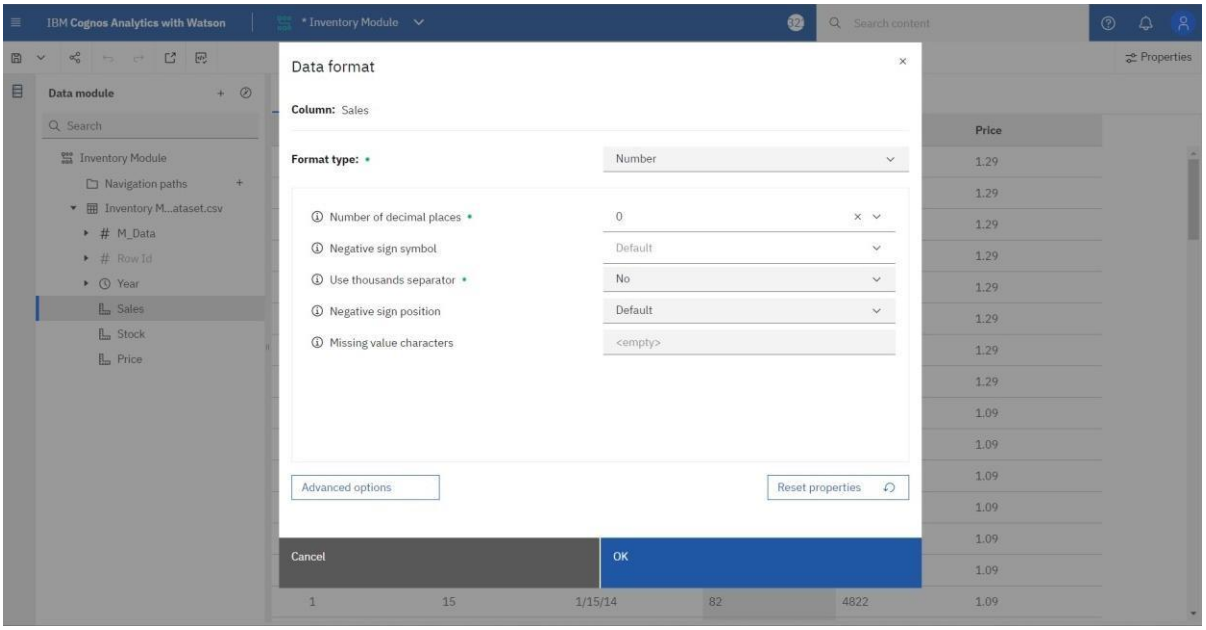


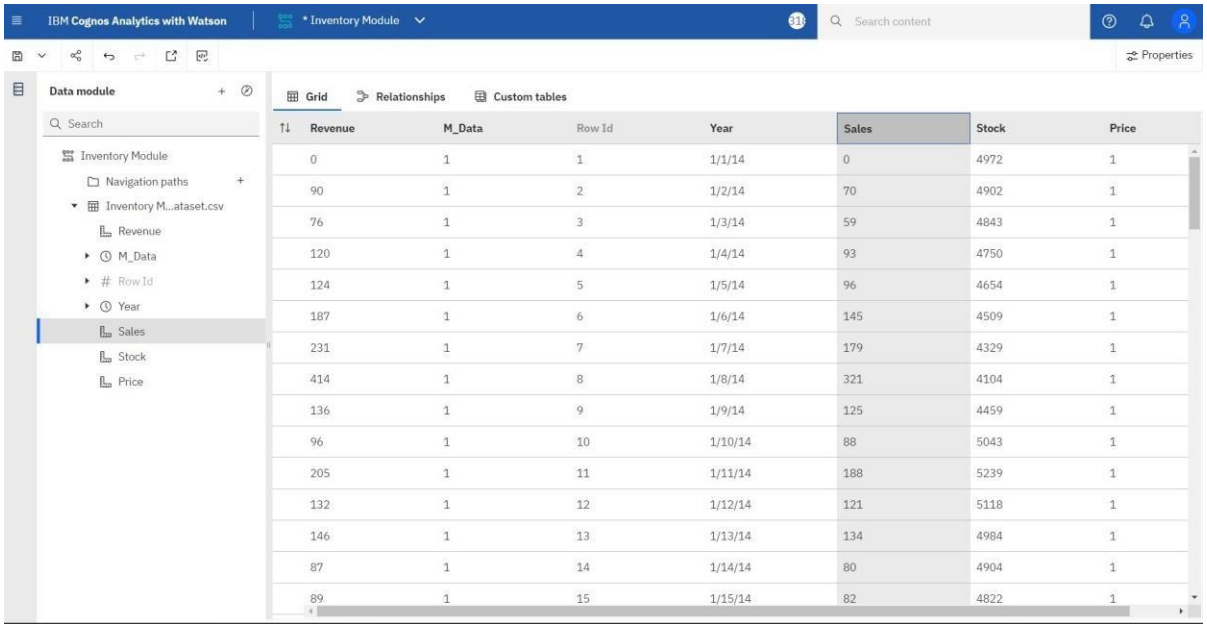
Year Format Data:



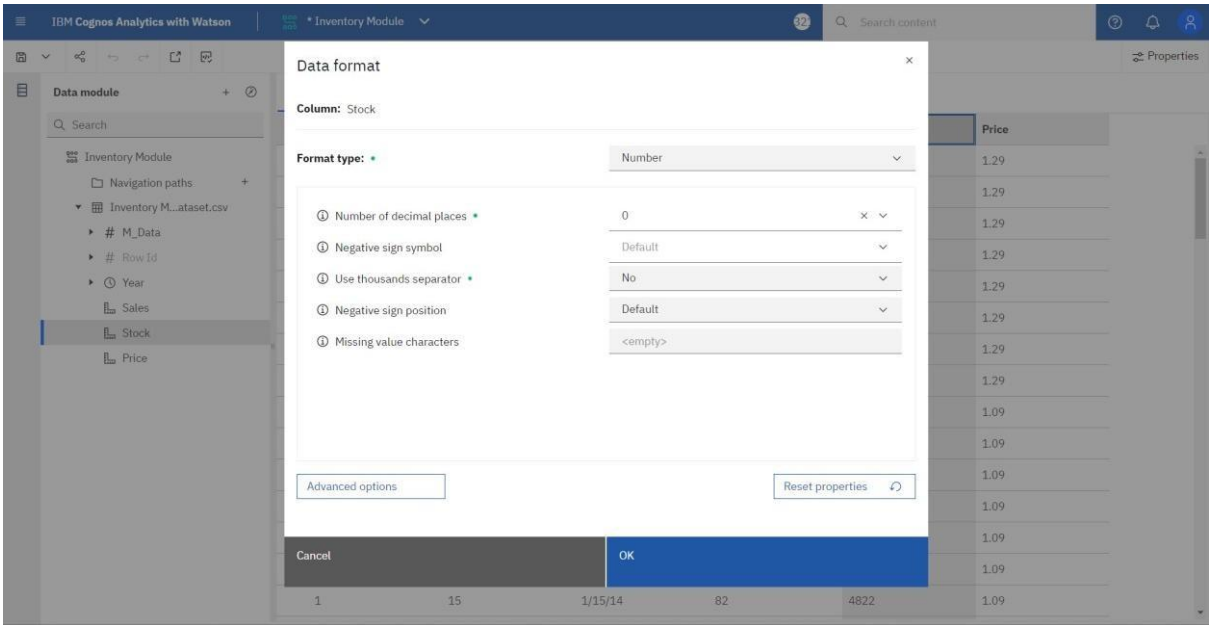


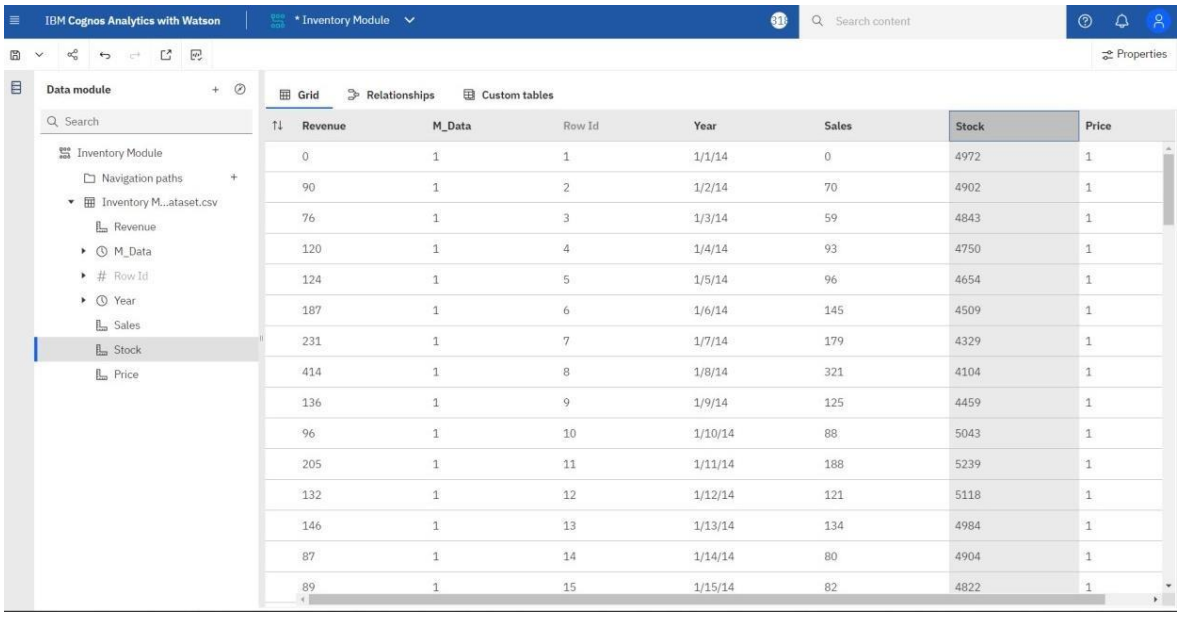
Sales Format Data:



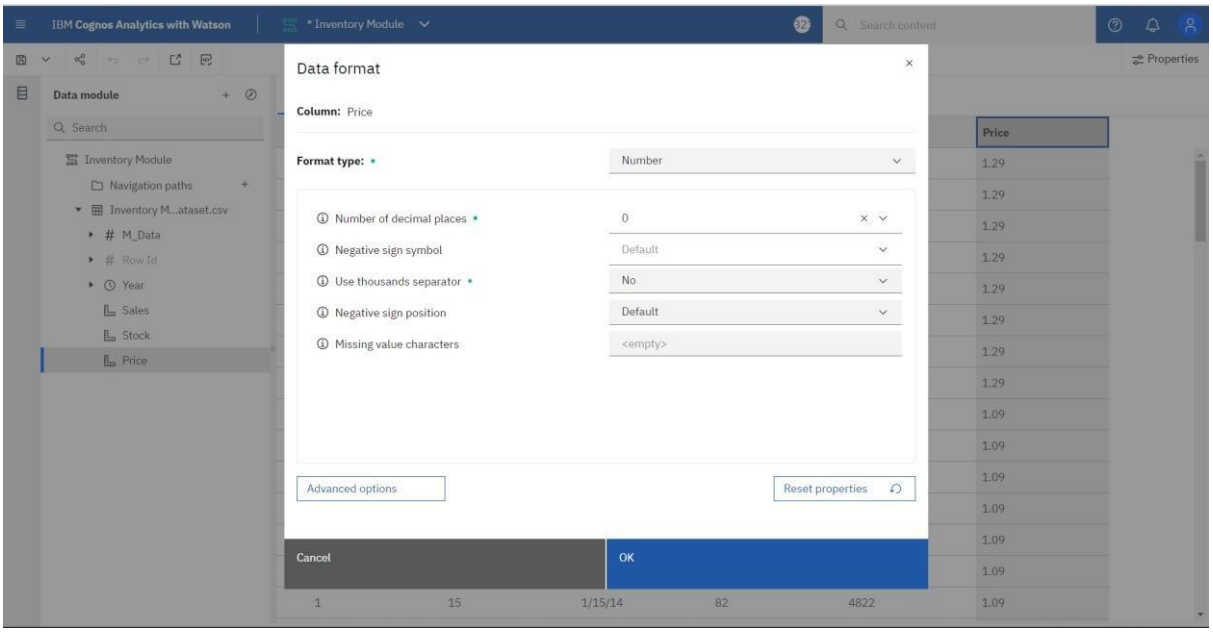


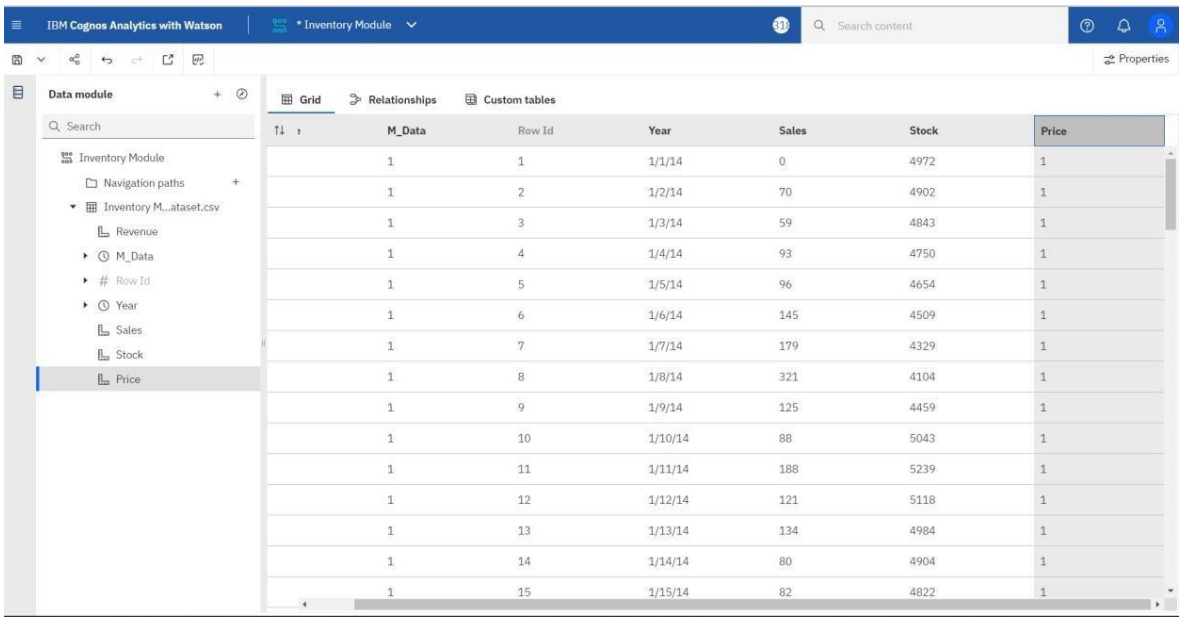
Stock Format Data:





Price Format Data:





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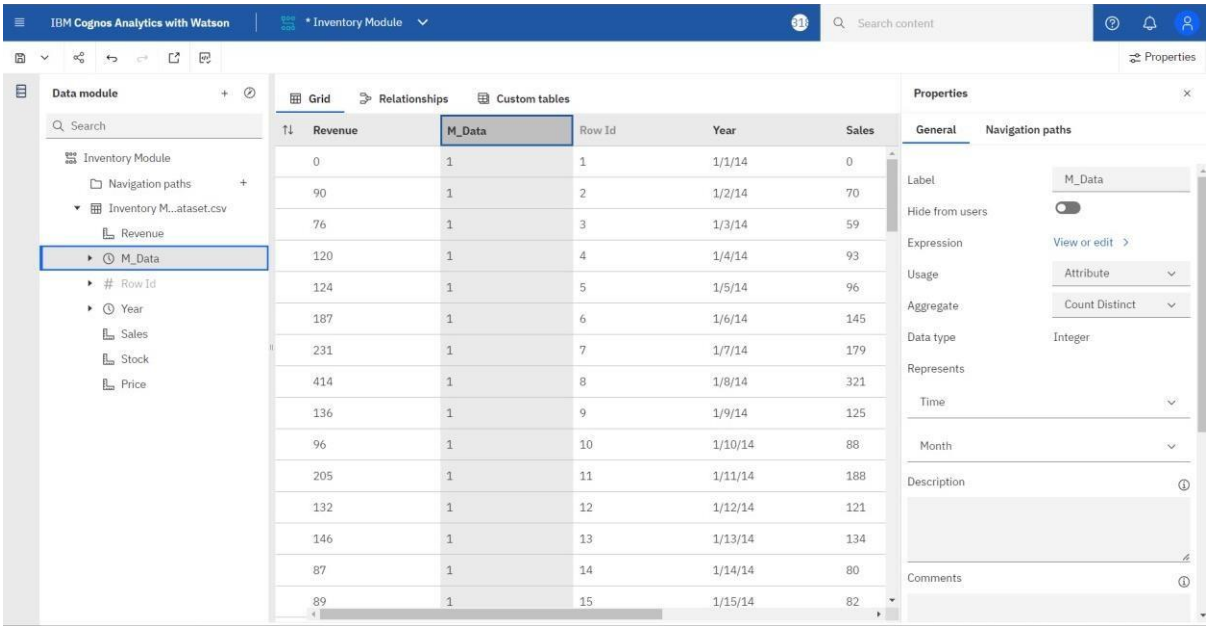
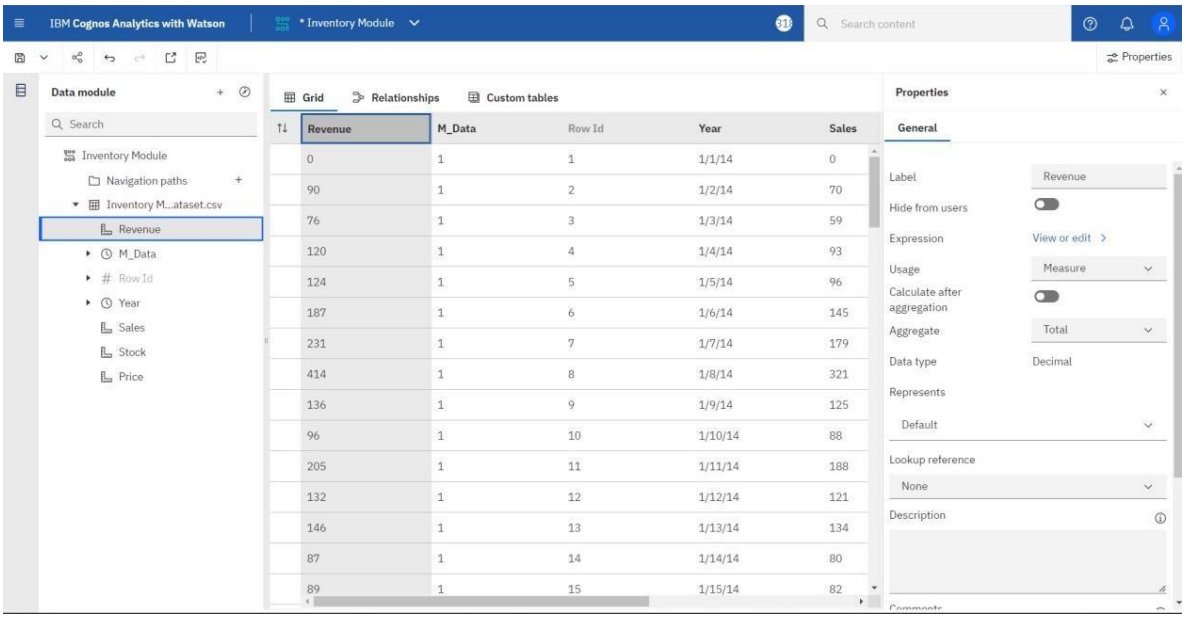
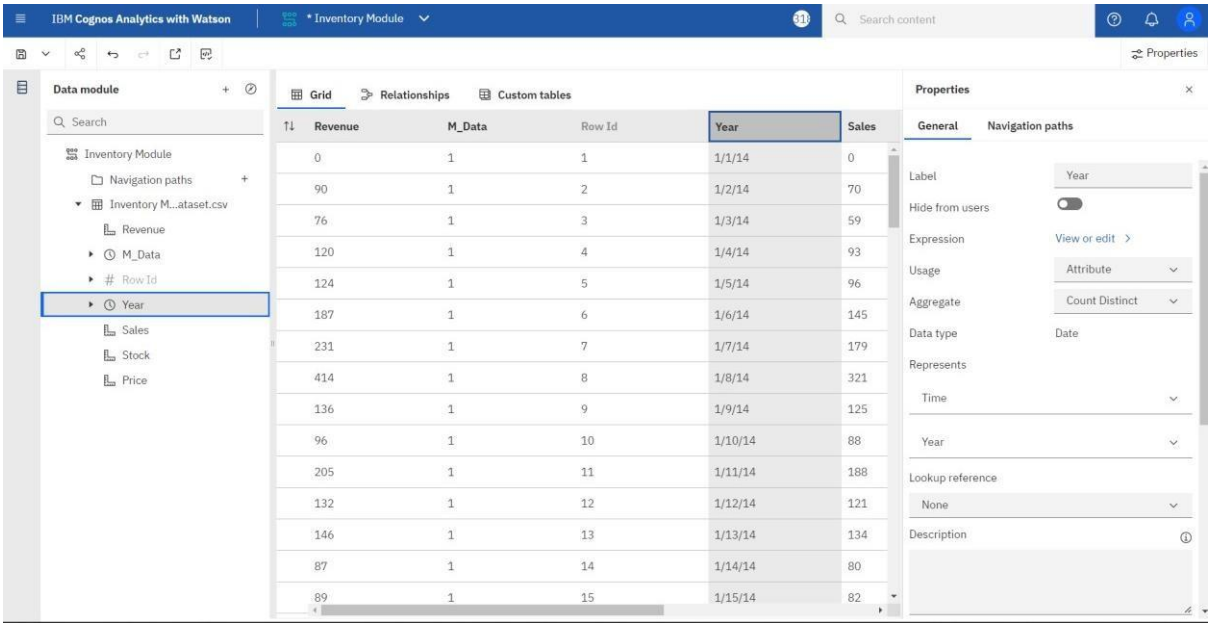


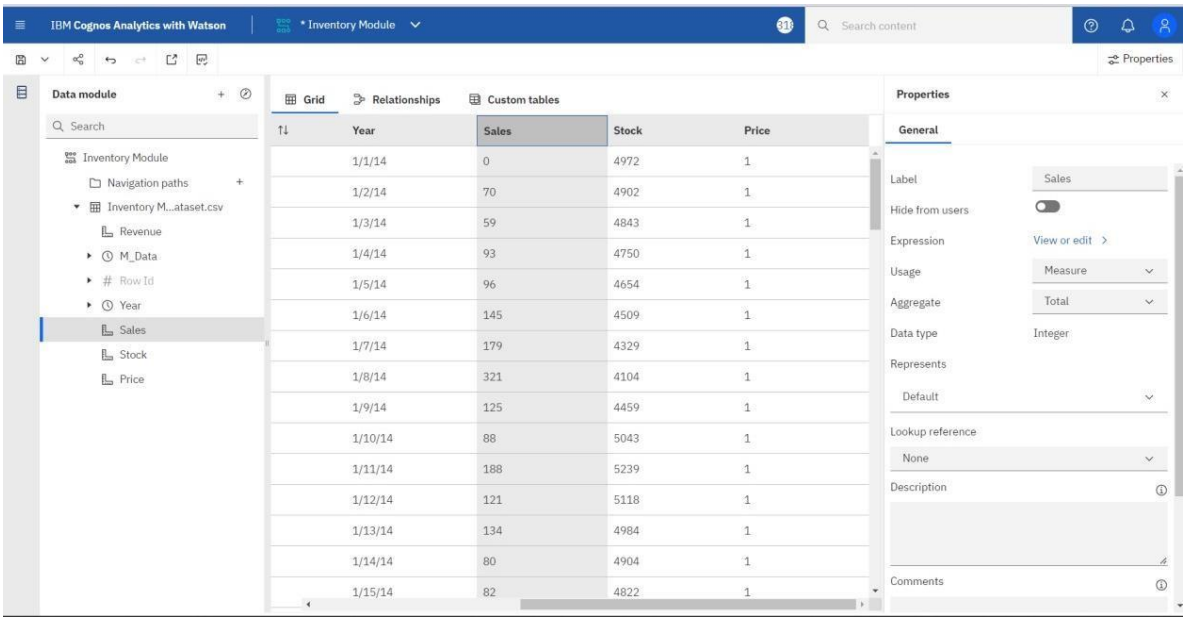
Revenue Data Properties:



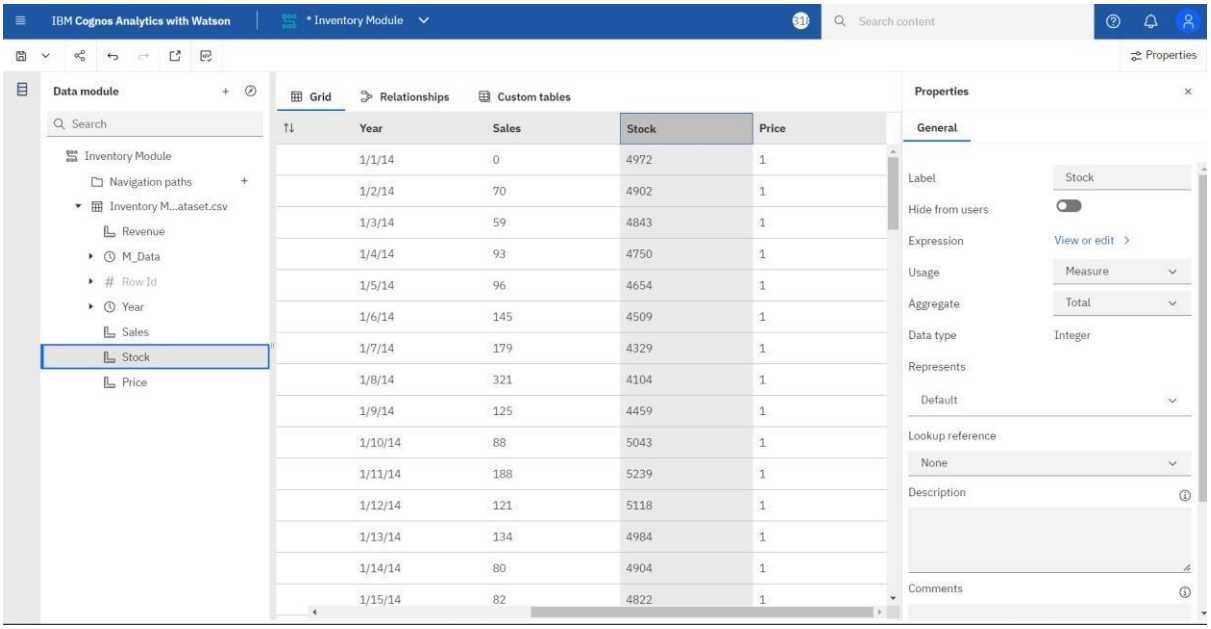
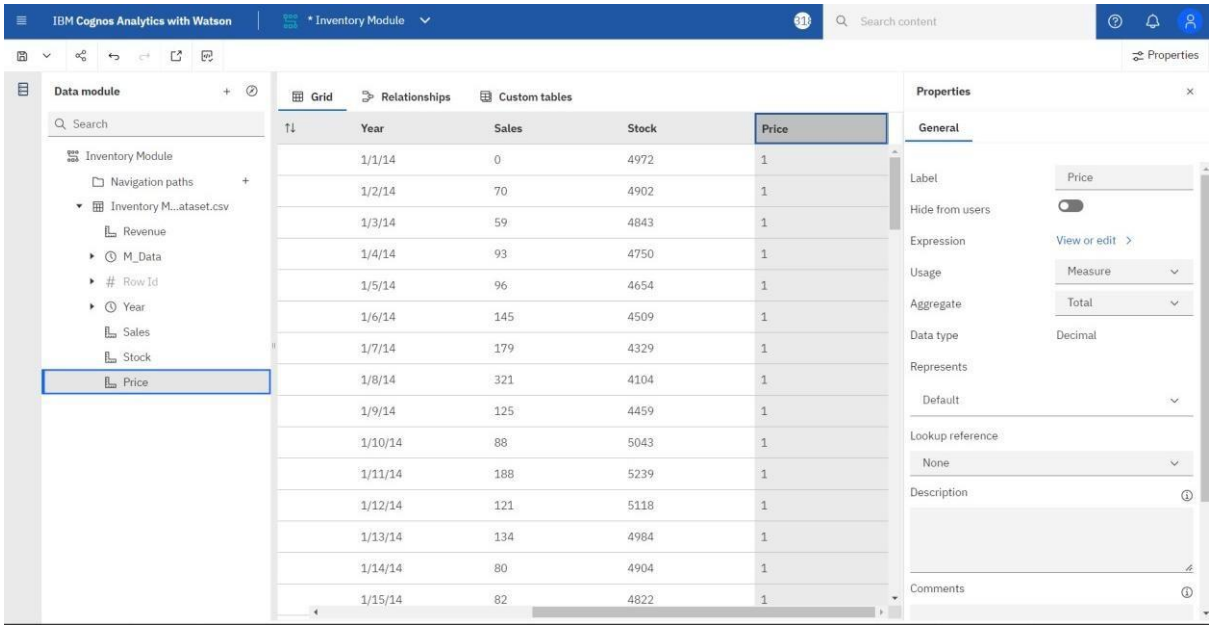
Year Data Format:



Sales Data Format:



Stock Data Properties:



Price Data Properties: