

# Data Verb Activity #1

Data Science @  
Winona State University

## Goal

Obtain a list of locations that sell snowshoes on a Sunday near Winona, MN. The list should be ordered by distance and near Winona is defined to be locations whose area code is 507 or 608.

## Instructions

1. Provide the student a copy of each table. The tables should be laid out in sequential order.
2. Provide the student with a cutout of each data verb.
3. The student should consider the features of each table and identify the appropriate data verb for each transition between tables.

## Discussion Points

1. Does `FILTER()` influence the number of rows or columns?
2. Does `SELECT()` influence the number of rows or columns?
3. Adventure Cycle & Ski is right here in Winona, but this business was not included in the final table. Why?
4. Identify a second ordering of these tables that will yield the same outcome.

Table 0						
Name	Address	Phone	Distance (miles)	Open Sundays	Rating	Notes
Wild River Ski Rental & Sales	39797 Park Trail, Center City, MN 55012	651-257-0685	115.68	Yes		
Fitzharris Ski, Bike, and Outdoor	105 7th Ave S, St Cloud, MN 56301	320-251-2844	161.88	No	4.7	
Welch Village	26685 County 7 Blvd, Welch, MN 55089	651-258-4567	64.55	Yes (Dec-Mar only)	4.5	Rental Only
Dunham's Sports	140 Tyler Rd N, Red Wing, MN 55066	651-388-1402	59.12	Yes	4.1	
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	115.22	Yes	4.5	
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	80.14	Yes	4.4	
Tyrol Ski & Sports	1923 2nd St SW, Rochester, MN 55902	507-288-1683	42.34	No	4.6	
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	41.75	Yes	4.6	
Myre-Big Island State Park	19499 780th Ave, Albert Lea, MN 56007	507-668-7060	87.85	Yes	4.5	Rental Only
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	89.17	Yes	4.1	
Whitewater State Park	19041 MN-74, Altura, MN 55910	507-312-2300	20.17	Yes	4.8	Rental Only
Brone's Bike Shop	615 S Main St #35, Fountain City, WI 54629	608-687-8601	6.26	No	4.9	
Adventure Cycle & Ski	178 Center St, Winona, MN 55987	507-452-4228	0.43	No	4.9	
Outdoor Connection	1601 Farwell St, La Crosse, WI 54601	608-785-8860	25.88	Yes	4.8	Rental Only
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	23.64	Yes	4.8	
Redfeather Snowshoes	2700 Commerce St, La Crosse, WI 54603	800-525-0081	24.37	No	5	
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	25.46	Yes	3.7	
Decorah Bicycles	101 College Dr, Decorah, IA 52101	563-382-8209	51.88	Yes	5	
CrawDaddy Outdoors	207 E Bremer Ave, Waverly, IA 50677	319-352-9129	100.33	No	4.7	
Hoigaard's	5425 Excelsior Blvd, St Louis Park, MN 55416	952-929-1351	104.01	Yes	3.9	
Midwest Mountaineering	309 Cedar Ave, Minneapolis, MN 55454	612-339-3433	101.74	Yes	4.7	
REI	1955 County Rd B2 W Schneiderman's Plaza,	651-635-0211	101.35	Yes	4.5	
ERIK'S Bike Board Ski	1278 Town Centre Dr Ste 170, Eagan, MN 55123	651-209-6046	92.54	Yes	4.1	
Gear West Ski and Bike	1786 Wayzata Blvd, Long Lake, MN 55356	952-473-0377	115.08	Yes	4.6	
Play It Again Sports	1256 Town Centre Dr, Eagan, MN 55123	651-730-9093	92.46	Yes	4.3	

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Wild River Ski Rental & Sales	39797 Park Trail, Center City, MN 55012	651-257-0685	115.68	Yes		
Fitzharris Ski, Bike, and Outdoor	105 7th Ave S, St Cloud, MN 56301	320-251-2844	161.88	No	4.7	
Dunham's Sports	140 Tyler Rd N, Red Wing, MN 55066	651-388-1402	59.12	Yes	4.1	
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	115.22	Yes	4.5	
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	80.14	Yes	4.4	
Tyrol Ski & Sports	1923 2nd St SW, Rochester, MN 55902	507-288-1683	42.34	No	4.6	
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	41.75	Yes	4.6	
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	89.17	Yes	4.1	
Brone's Bike Shop	615 S Main St #35, Fountain City, WI 54629	608-687-8601	6.26	No	4.9	
Adventure Cycle & Ski	178 Center St, Winona, MN 55987	507-452-4228	0.43	No	4.9	
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	23.64	Yes	4.8	
Redfeather Snowshoes	2700 Commerce St, La Crosse, WI 54603	800-525-0081	24.37	No	5	
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	25.46	Yes	3.7	
Decorah Bicycles	101 College Dr, Decorah, IA 52101	563-382-8209	51.88	Yes	5	
CrawDaddy Outdoors	207 E Bremer Ave, Waverly, IA 50677	319-352-9129	100.33	No	4.7	
Hoigaard's	5425 Excelsior Blvd, St Louis Park, MN 55416	952-929-1351	104.01	Yes	3.9	
Midwest Mountaineering	309 Cedar Ave, Minneapolis, MN 55454	612-339-3433	101.74	Yes	4.7	
REI	1955 County Rd B2 W Schneiderman's Plaza,	651-635-0211	101.35	Yes	4.5	
ERIK'S Bike Board Ski	1278 Town Centre Dr Ste 170, Eagan, MN 55123	651-209-6046	92.54	Yes	4.1	
Gear West Ski and Bike	1786 Wayzata Blvd, Long Lake, MN 55356	952-473-0377	115.08	Yes	4.6	
Play It Again Sports	1256 Town Centre Dr, Eagan, MN 55123	651-730-9093	92.46	Yes	4.3	

Table 2						
Name	Address	Phone	Distance (miles)	Open Sundays	Rating	Notes
Wild River Ski Rental & Sales	39797 Park Trail, Center City, MN 55012	651-257-0685	115.68	Yes		
Dunham's Sports	140 Tyler Rd N, Red Wing, MN 55066	651-388-1402	59.12	Yes	4.1	
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	115.22	Yes	4.5	
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	80.14	Yes	4.4	
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	41.75	Yes	4.6	
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	89.17	Yes	4.1	
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	23.64	Yes	4.8	
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	25.46	Yes	3.7	
Decorah Bicycles	101 College Dr, Decorah, IA 52101	563-382-8209	51.88	Yes	5	
Hoigaard's	5425 Excelsior Blvd, St Louis Park, MN 55416	952-929-1351	104.01	Yes	3.9	
Midwest Mountaineering	309 Cedar Ave, Minneapolis, MN 55454	612-339-3433	101.74	Yes	4.7	
REI	1955 County Rd B2 W Schneiderman's Plaza,	651-635-0211	101.35	Yes	4.5	
ERIK'S Bike Board Ski	1278 Town Centre Dr Ste 170, Eagan, MN 55123	651-209-6046	92.54	Yes	4.1	
Gear West Ski and Bike	1786 Wayzata Blvd, Long Lake, MN 55356	952-473-0377	115.08	Yes	4.6	
Play It Again Sports	1256 Town Centre Dr, Eagan, MN 55123	651-730-9093	92.46	Yes	4.3	

Table 3				
Name	Address	Phone	Distance (miles)	Rating
Wild River Ski Rental & Sales	39797 Park Trail, Center City, MN 55012	651-257-0685	115.68	
Dunham's Sports	140 Tyler Rd N, Red Wing, MN 55066	651-388-1402	59.12	4.1
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	115.22	4.5
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	80.14	4.4
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	41.75	4.6
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	89.17	4.1
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	23.64	4.8
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	25.46	3.7
Decorah Bicycles	101 College Dr, Decorah, IA 52101	563-382-8209	51.88	5
Hoigaard's	5425 Excelsior Blvd, St Louis Park, MN 55416	952-929-1351	104.01	3.9
Midwest Mountaineering	309 Cedar Ave, Minneapolis, MN 55454	612-339-3433	101.74	4.7
REI	1955 County Rd B2 W Schneiderman's Plaza,	651-635-0211	101.35	4.5
ERIK'S Bike Board Ski	1278 Town Centre Dr Ste 170, Eagan, MN 55123	651-209-6046	92.54	4.1
Gear West Ski and Bike	1786 Wayzata Blvd, Long Lake, MN 55356	952-473-0377	115.08	4.6
Play It Again Sports	1256 Town Centre Dr, Eagan, MN 55123	651-730-9093	92.46	4.3

Table 4					
Name	Address	Phone	Area Code	Distance (miles)	Rating
Wild River Ski Rental & Sales	39797 Park Trail, Center City, MN 55012	651-257-0685	651	115.68	
Dunham's Sports	140 Tyler Rd N, Red Wing, MN 55066	651-388-1402	651	59.12	4.1
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	507	115.22	4.5
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	507	80.14	4.4
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	507	41.75	4.6
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	507	89.17	4.1
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	608	23.64	4.8
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	608	25.46	3.7
Decorah Bicycles	101 College Dr, Decorah, IA 52101	563-382-8209	563	51.88	5
Hoigaard's	5425 Excelsior Blvd, St Louis Park, MN 55416	952-929-1351	952	104.01	3.9
Midwest Mountaineering	309 Cedar Ave, Minneapolis, MN 55454	612-339-3433	612	101.74	4.7
REI	1955 County Rd B2 W Schneiderman's Plaza,	651-635-0211	651	101.35	4.5
ERIK'S Bike Board Ski	1278 Town Centre Dr Ste 170, Eagan, MN 551	651-209-6046	651	92.54	4.1
Gear West Ski and Bike	1786 Wayzata Blvd, Long Lake, MN 55356	952-473-0377	952	115.08	4.6
Play It Again Sports	1256 Town Centre Dr, Eagan, MN 55123	651-730-9093	651	92.46	4.3

Table 5					
Name	Address	Phone	Area Code	Distance (miles)	Rating
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	507	115.22	4.5
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	507	80.14	4.4
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	507	41.75	4.6
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	507	89.17	4.1
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	608	23.64	4.8
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	608	25.46	3.7

Table 6					
Name	Address	Phone	Area Code	Distance (miles)	Rating
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562	608	23.64	4.8
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684	608	25.46	3.7
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444	507	41.75	4.6
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545	507	80.14	4.4
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444	507	89.17	4.1
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767	507	115.22	4.5

<b>Table 7</b>		
<b>Name</b>	<b>Address</b>	<b>Phone</b>
Island Outdoors	1330 Bainbridge St, La Crosse, WI 54603	608-782-5562
Dick's Sporting Goods	4400 WI-16, La Crosse, WI 54650	608-406-3684
Scheels	1220 12th St SW, Rochester, MN 55902	507-281-2444
Cabela's	3900 Cabela Dr NW, Owatonna, MN 55060	507-451-4545
Dunham's Sports	2500 Bridge Ave, Albert Lea, MN 56007	507-369-1444
Scheels	1850 Adams St Suite 6, Mankato, MN 56001	507-386-7767

