## **Query to Extract Voting Data**

- 1. Vote count for Sen. Olympia Snowe: 23
- 2. Vote count for Sen. Olympia Snowe: 23
- 3. Vote count for Rep. Erik Paulsen: 21
- 4. List of Congress members who got the most votes, in descending order: (partial output)

name	party	location	grade_1996	grade_current	years_in_congress	dw1_score	COUNT(name)
Rep. Dan Benishek	R	MI	11.29829673	11.29829673	1	0.625	32
Rep. Dale Kildee	D	MI	11.92746368	12.04087167	35	-0.4	31
Rep. Frank Pallon	D	NJ	12.73500724	11.24205814	25	-0.423	31
Rep. Jim Costa	D	CA	12.73091018	13.20082289	5	-0.213	31
Rep. Tammy Baldwi	D	WI	11.75013228	12.92146101	13	-0.603	31

5. List of Congress members who got the least votes, in ascending order: (partial output)

name	party	location	grade_1996	grade_current	years_in_congress	dw1_score	COUNT(name)
Rep. Bill Cassidy	R	LA	9.385173006	9.285165569	3	0.43	7
Rep. Jim Sensenbr	R	WI	13.69396284	11.56066479	33	0.647	7
Rep. Ileana Ros-L	R	FL	13.14271644	12.93132331	23	0.241	8
Rep. Tim Huelskam	R	KS	10.23278515	10.23278515	1	0.693	8
Rep. Alan Nunnele	R	MS	10.33893365	10.33893365	1	0.464	9

## **Advanced Queries to Expose Voter Fraud**

1. Rep. Dan Benishek received most votes, i.e. 32 votes. People who voted for Rep. Dan Benishek (partial output):

first_name	last_name	party	gender
Watson	Mueller	independent	female
Reed	Schneider	democrat	male
Frederique	Schuppe	republican	male
Thurman	Hills	republican	female
Heloise	Schowalter	democrat	female
Halie	Barton	democrat	female
Valentina	Wyman	republican	female
Althea	Bergnaum	democrat	female

2. Votes received by congress members who communicate grade average is less than 9 (partial output):

Note: using COUNT(voter\_id) or COUNT(politician\_id) will yield the same result.

name	location	grade_1996	grade_current	COUNT(name)
Rep. Adam Kinzinger	IL	8.995621754	8.995621754	18
Rep. Ander Crenshaw	FL	11.22521629	8.329363943	23
Rep. Collin Peterso	MN	10.41898905	7.370128281	19
Rep. Connie Mack	FL	12.03584092	6.686799034	14
Rep. David Schweike	AZ	8.606102568	8.606102568	17
Rep. Don Young	AK	12.33638826	8.986709512	13

3. 10 states with the most voters turnout (full output):

location	COUNT(location)
CA	1025
TX	643
NY	582
FL	497
PA	400
IL	395
ОН	380
MI	333
NC	297
GA	296

People who voted in the top state's elections (partial output):

first_name	last_name
Trevor	Braun
Fritz	Wiegand
Elenor	Davis
Jeanne	Price
Juvenal	Hane
Thad	Ratke
Deangelo	Klein
Keaton	Ortiz
Milford	Schimmel
Mara	Green

4. Voters who voted more than twice (partial output). Note there are a total of 1633 voters who voted more than twice.

id	first_name	last_name	COUNT(votes.voter_id)
1	Aiden	Kuhlman	3
5	Marshall	Osinski	3
11	Carmine	Ankunding	3
14	Caden	Greenfelde	4
17	Luz	Collins	4
18	Elenor	Davis	3
20	Norval	Hilpert	3
22	Alexzander	Hickle	3
26	Geo	Christians	3
28	Verla	Ondricka	5

## 5. People who vote for the same politician twice (full output)

first_name	last_name	name	С
Dallas	Padberg	Rep. Andy Harris	2
Mckayla	Kilback	Rep. Joe Wilson	2
Kayley	Rohan	Rep. Dale Kildee	2
Amara	Wyman	Rep. Steve Scali	2
Jakayla	Wintheiser	Rep. Donna Edwar	2
<b>∢</b> Glennie	Raynor	Rep. Stephen Fin	2
Nayeli	Ryan	Sen. Sherrod Bro	2
Armand	Effertz	Rep. Todd Platts	2
Adah	Flatley	Rep. Jim Costa	2
Christiana	Schamberge	Rep. Jeff Forten	2
Jules	Larkin	Rep. Dennis Ross	2
Cynthia	Bruen	Rep. Mike Simpso	2
Efrain	Collier	Sen. Ron Johnson	2
Aubree	Mohr	Rep. Collin Pete	2
Madalyn	Feil	Rep. Kurt Schrad	2
Ronaldo	Douglas	Rep. Jeff Forten	2
Cyrus	Feil	Rep. Mike McInty	2
Brett	Pollich	Rep. Joe Baca	2
Maryse	Moen	Sen. Bernie Sand	2