**MYTH:** *Whoever gets the most votes in an election wins!*

**Candidate who received more popular votes but lost the election**

SELECT c1.name

FROM Candidate c1, Candidate c2

WHERE c1.popular > c2.popular

AND c1.Year = c2.Year

AND c1.result = 'lose'

**QUICKFACTS:**

**Running against a President who is running for reelection is not a good idea BUT it is not impossible.**

SELECT c1.Year AS Year, c1.name AS Incumbent\_Candidate,

c2.name AS New\_Candidate, c2.Result AS New\_Candidate\_Result

FROM Candidate c1, Candidate c2

WHERE c1.Year = c2.Year

AND c1.RE = 'Yes'

AND c1.name<>c2.name

**The number of times a state voted for the winning candidate**

SELECT s1.name, COUNT(\*) AS Number\_of\_Times\_Voted\_For\_Winner

FROM States s1, Candidate c1

WHERE c1.result = 'Win'

AND s1.Year = c1.Year

AND s1.Party = c1.Party

GROUP BY s1.name

ORDER BY COUNT(\*) DESC

**Number of times (sex, education, race) voted for winner**

SELECT d.Voter, COUNT(\*) AS Number\_of\_Times\_Voted\_For\_Winner

FROM Demographic d, Candidate c

WHERE c.result = 'Win'

AND d.Year = c.Year

AND d.Party = c.Party

GROUP BY d.Voter

ORDER BY COUNT(\*) DESC

**US Voters represented by sex**

SELECT DISTINCT c1.Year, c1.name AS Females\_Voted\_For,

c2.name AS Males\_Voted\_For

FROM Demographic d1, Demographic d2, Candidate c1, Candidate c2

WHERE d1.Voter = 'Female' AND d1.Party = c1.Party AND d1.Year = c1.Year AND

d2.Voter = 'Male' AND d2.Party = c2.Party AND d2.Year = c2.Year AND

c1.Year = c2.Year

**US Voters represented by race**

SELECT DISTINCT c1.Year, c1.name AS Whites\_Voted\_For,

c2.name AS Blacks\_Voted\_For,

c3.name AS Hispanics\_Voted\_For

FROM Demographic d1, Demographic d2, Demographic d3,

Candidate c1, Candidate c2, Candidate c3

WHERE d1.Voter = 'White' AND d1.Party = c1.party AND c1.Year = d1.Year AND

d2.Voter = 'Black' AND d2.party = c2.party AND c2.Year = d2.Year AND

d3.Voter = 'Hispanic' AND d3.party = c3.party AND c3.Year = d3.Year AND

c1.Year = c2.Year AND c2.Year = c3.Year

**US Voters represented by education level attained**

SELECT DISTINCT c1.Year, c1.name AS Grade\_School,

c2.name AS High\_School,

c3.name AS College

FROM Demographic d1, Demographic d2, Demographic d3,

Candidate c1, Candidate c2, Candidate c3

WHERE d1.Voter = 'GradeSchool' AND d1.Party = c1.party AND c1.Year = d1.Year AND

d2.Voter = 'HighSchool' AND d2.party = c2.party AND c2.Year = d2.Year AND

d3.Voter = 'College' AND d3.party = c3.party AND c3.Year = d3.Year AND

c1.Year = c2.Year AND c2.Year = c3.Year

**GENERAL UNEMPLOYMENT DATA TABLE**

SELECT p1.Year\_Elected AS From\_Year,

cd.Year AS To\_Year,

e1.Unemployment\_Status AS Unemployment\_Went,

p1.name AS Under\_President, p1.Party AS President\_Party,

cd.name AS Elected, cd.Party AS Elected\_Party

FROM President p1, Candidate cd, Economy e1

WHERE e1.Year = cd.Year AND p1.Year\_Elected = cd.Year-4 AND cd.result = 'Win'

order by From\_Year

**Unemployment went up 6/7 times under the Republican Party**

SELECT p1.Year\_Elected AS From\_Year,

cd.Year AS To\_Year,

e1.Unemployment\_Status AS Unemployment\_Went,

p1.Party AS President\_Party

FROM President p1, Candidate cd, Economy e1

WHERE e1.Year = cd.Year AND p1.Year\_Elected = cd.Year-4 AND cd.result = 'Win' AND e1.Unemployment\_Status = 'Up'

order by From\_Year

**Unemployment went down 6/7 times under the Democratic Party**

SELECT p1.Year\_Elected AS From\_Year,

cd.Year AS To\_Year,

e1.Unemployment\_Status AS Unemployment\_Went,

p1.Party AS President\_Party

FROM President p1, Candidate cd, Economy e1

WHERE e1.Year = cd.Year AND p1.Year\_Elected = cd.Year-4 AND cd.result = 'Win' AND e1.Unemployment\_Status = 'Down'

order by From\_Year

**When unemployment is down a candidate representing the Republican Party won 5/7 times**

SELECT p1.Year\_Elected AS From\_Year,

cd.Year AS To\_Year,

e1.Unemployment\_Status AS Unemployment\_Is,

cd.Party AS Elected\_Party

FROM President p1, Candidate cd, Economy e1

WHERE e1.Year = cd.Year AND p1.Year\_Elected = cd.Year-4 AND cd.result = 'Win' AND e1.Unemployment\_Status = 'Down'

order by From\_Year

**We want to show that how having majority in Congress affects the election.**

**(House Majority and Senate Majority affecting winning candidate’s political party)**

SELECT p1.Year\_Elected AS Year, p1.name AS Current\_President, p1.Party AS President\_Party,

c1.Majority AS House\_Majority, c2.majority as Senate\_Majority,

cd.name AS Elected\_President, cd.party AS Elect\_Party

FROM President p1, Congress c1, Congress c2, Candidate cd

WHERE p1.Year\_Elected = c1.Year AND p1.Year\_Elected = c2.Year

AND c1.Chamber = 'House' AND c2.Chamber = 'Senate'

AND cd.Year = p1.Year\_Elected+4

AND cd.result = 'Win'

**Stronger growth in GDP, Republican Party wins (Remains controlling party)**

SELECT p.Year\_Elected, p.party AS President, c.party AS Candidate, e.GDP\_Growth

FROM President p, Economy e, Candidate c

WHERE e.Year = p.Year\_Elected AND p.Year\_Elected = c.Year-4 AND c.result = 'Win'

**Relationship Between GDP Growth Congress Majority and President party, and how it affects candidate win**

SELECT p.Year\_Elected AS From\_Year, c.Year AS To\_Year,

e.GDP\_Growth, c.party AS Candidate, p.party AS President,

cg1.majority AS House\_Majority, cg2.majority AS Senate\_Majority

FROM President p, Economy e, Candidate c, Congress cg1, Congress cg2

WHERE e.Year = p.Year\_Elected AND p.Year\_Elected = c.Year-4

AND c.result = 'Win'

AND cg1.year = p.Year\_Elected AND cg2.year = p.Year\_Elected

AND cg1.chamber = 'House' AND cg2.chamber = 'Senate'