

Lobbyist Data

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Goals

Are there certain geographic concentrations of lobbyists?

Who are the most well compensated lobbyists and where are they located?

Which Lobbyist is distributing the most lobbying funds?



Our Datasets

Primary Source:
Chicago Data Portal



Lobbyist Table

- Contains a list of all registered lobbyists authorized to work with politicians in the city of Chicago



Contribution Table

- Contains all contributions made to politicians in the city of Chicago



Compensation Table

- Contains a list of all payments to lobbyists and who the clients making the payments are.



ETL and Data Cleanup

- All datasets were extracted using API calls
- All datasets were converted to Python Dataframes
- Numeric columns were converted to be of type Int
- Amount columns were converted to be of type Float
- Date columns were converted to be of type date and date formatting was adjusted
- Duplicate lobbyist records were dropped where necessary
- Unused columns were deleted
- Dataframe columns were reordered to have a better flow and ID columns were placed first
- Two new Dataframe columns were created (not existing in our source extracts): Lobbyist Latitude and Longitude (using Lobbyist address columns from extract)
- Lobbyist records with empty coordinates were dropped as this creates issues with Leaflet

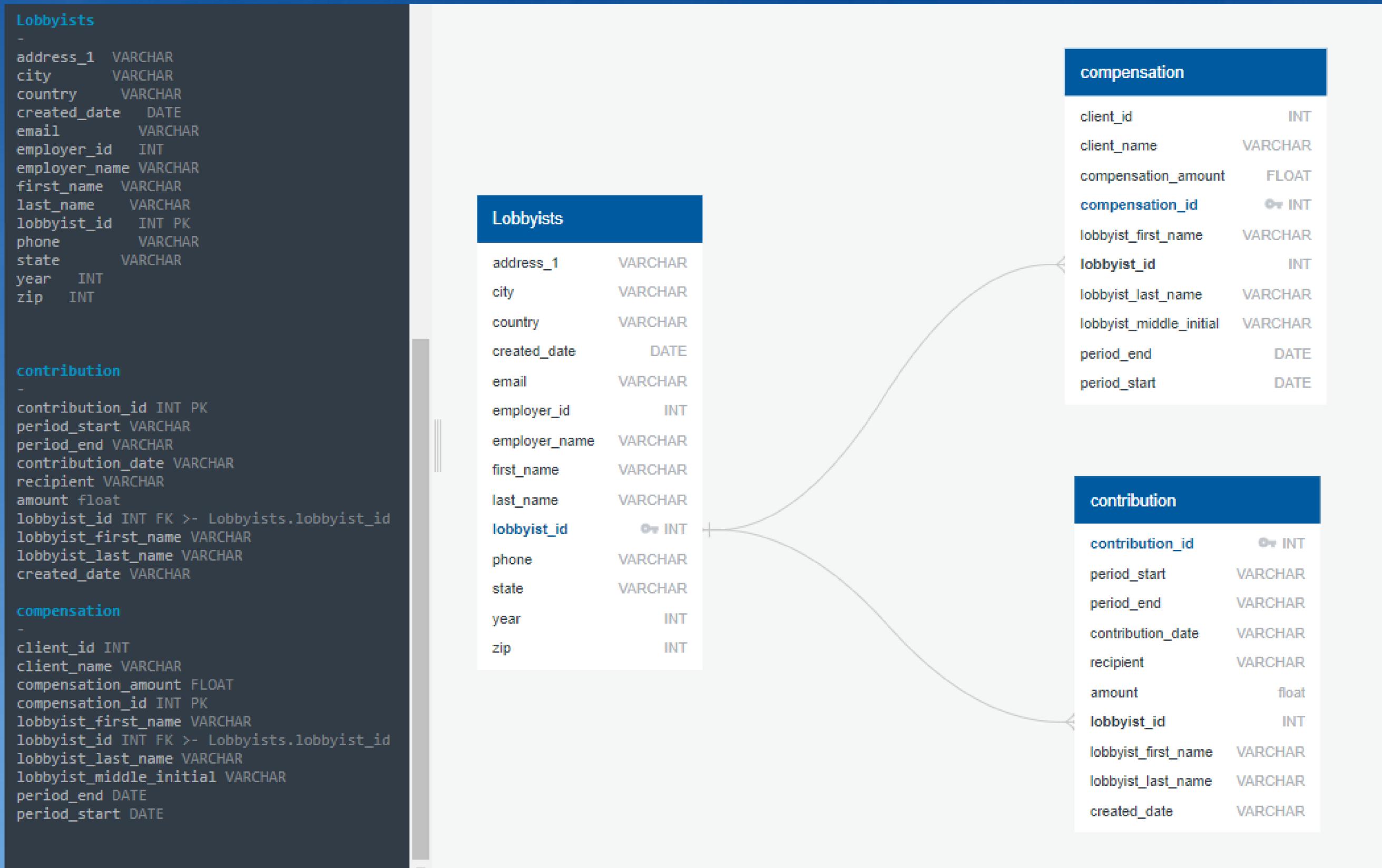


ETL and Data Cleanup

- Data was filtered to only include Lobbyist data from 2019 and on
- 2 datasets were merged in order to answer one of our questions
- Datasets were GroupedBy in different instances to perform aggregations of Lobbyists amounts
- In one case a lobbyist had slightly different names and we had to massage the data to see this lobbyist appear as one record for proper aggregation and visualization in our dashboard
- Sorting of dataframe records was performed where applicable to get lobbyists to appear in order based on a category
- Final dataframes were converted to JSON and written to files to serve as the input for our JavaScript code



Entity Relationship Diagram (ERD)



Cities with greater concentrations of Chicago lobbyists

city	
CHICAGO	253
NEW YORK	23
SAUSALITO	5
ROSEMONT	3
INDIANAPOLIS	3
WARRENVILLE	3
SPRINGFIELD	3
FOREST PARK	2
WESTERN SPRINGS	2
OAKBROOK TERRACE	2
WASHINGTON	2
OAK BROOK	2
SAN RAFAEL	2
NORTHBROOK	1

Most Highly Compensated Lobbyists

lobbyist_id	lobbyist_first_name	lobbyist_middle_initial	lobbyist_last_name	address_1	city	state	zip	lat	long	compensation_amount
4007	JOHN	J	KELLY	616 ENTERPRISE DRIVE	OAK BROOK	IL	60523	41.847973	-87.938957	5701334.00
4193	JOHN	F	DUNN	77 W. WACKER, STE. 4100	CHICAGO	IL	60601	41.886511	-87.630536	4819541.00
18181	JOHN	R	DALEY	328 SOUTH JEFFERSON STREET	CHICAGO	IL	60661	41.877584	-87.642633	1614484.00
5861	THOMAS	S	MOORE	111 W WASHINGTON	CHICAGO	IL	60602	41.882883	-87.631404	1522152.00
3833	PAUL	W	SHADLE	444 W. LAKE STREET	CHICAGO	IL	60606	41.885801	-87.639442	1204000.00
4068	DONNA	J	PUGH	321 N. CLARK ST., STE. 2800	CHICAGO	IL	60654	41.888128	-87.630926	883436.00
5964	JEFFREY	A	GLASS	123 EAST OGDEN AVENUE	HINSDALE	IL	60521	41.814962	-87.928654	820000.00
4081	VICTOR	H	REYES	328 SOUTH JEFFERSON STREET	CHICAGO	IL	60661	41.877584	-87.642633	813375.00
3753	LANGDON	D	NEAL	20 S. CLARK STREET	CHICAGO	IL	60603	41.881163	-87.630983	721800.00
4162	MARY	K	MINAGHAN DBA MKM SERVICES	308 CIRCLE AVENUE	FOREST PARK	IL	60130	41.881149	-87.808852	688437.50
14081	MICHAEL	D	NOONAN	321 N CLARK ST	CHICAGO	IL	60654	41.888128	-87.630926	665674.00
3744	TIMOTHY	J	DART	121 W. WACKER DRIVE, SUITE 1108	CHICAGO	IL	60601	41.886806	-87.631716	585250.00
3847	GRAHAM	C	GRADY	111 EAST WACKER DRIVE	CHICAGO	IL	60601	41.887743	-87.623602	546850.00
5721	GENE	C	SCHULTER	4326 N BELL AVE	CHICAGO	IL	60618	41.960349	-87.685304	516666.00
6842	JOHN	J	GEORGE	71 SOUTH WACKER DRIVE	CHICAGO	IL	60606	41.881101	-87.636033	485500.00
3912	TERRY	M	GABINSKI	1817 W. OAKDALE	CHICAGO	IL	60657	41.939389	-87.656118	403700.00
4010	RICHARD	F.	KLAWITER	444 W. LAKE ST.	CHICAGO	IL	60606	41.885801	-87.639442	352500.00
3962	CHRIS	A	LEACH	71 SOUTH WACKER	CHICAGO	IL	60606	41.881101	-87.636033	326500.00
3890	KATHLEEN	A	DUNCAN	71 SOUTH WACKER DRIVE	CHICAGO	IL	60606	41.881101	-87.636033	323450.00
9082	JOSEPH	E	PILEWSKI	308 S. JEFFERSON ST.,	CHICAGO	IL	60661	41.877793	-87.642639	310288.79

Most Prevalent Lobbying Companies

client_name	
BRE 312 OWNER LLC AND BRE RIVER NORTH POINT OWNER LLC	975000.0
LYFT	759375.0
NORESCO LLC	566000.0
CVS HEALTH	442500.0
ACREAGE HOLDINGS	405484.0
AMAZON	396000.0
HORIZON THERAPEUTICS	390000.0
KATTEN MUCHIN ROSENMAN LLP	370000.0
SERVICENOW	354000.0
ZILLW GROUP, INC.	354000.0
BALLY'S CORPORATION	336500.0
WEC ENERGY GROUP, INC.	330000.0
SONDER	312500.0
METROPOLITAN HOUSING DEVELOPMENT CORPORATION	309000.0
PHARMACANN, LLC	293750.0
ITC - INSPIRING TECHNOLOGIES CORP.	274500.0
HUDSON GROUP	274000.0
GOPUFF	255000.0
SSP AMERICA, INC.	245000.0
CSX CORPORATION	242000.0
ANHEUSER BUSCH COMPANIES	240000.0
ATHLETICO PHYSICAL THERAPY	221000.0
UNITED CENTER JOINT VENTURE	205500.0
CHICAGOLAND APARTMENT ASSOCIATION	197400.0
WEST TOWN CHICAGO CHAMBER OF COMMERCE	190000.0
CONDOR PARTNERS LLC	189874.0
SALESFORCE	187000.0
ILLINOIS RETAIL MERCHANTS ASSOCIATION	184000.0
PRICEWATERHOUSECOOPERS LLP	183000.0
RJB PROPERTIES, INC.	181000.0

Individuals of Interest

- Timothy Dart
 - In the list of top compensation, but made no contributions
- Minaghan
 - Paid less than #1 compensated individual John Daley, but made almost twice the contributions
- John Kelly
 - Most highly compensated lobbyist

Lobbyist Dashboard & Map

Flaws in our dataset

Which political candidate is receiving the contributions?

Reason for the donations?

Is focussing on the amount of contributions even the right question?



Thank You
for Listening!】

