

Blockchain & Real Estate.

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Blockchain:

“A block chain or blockchain is a distributed database that maintains a continuously-growing list of transaction records ...It consists of data structure blocks—with each block holding batches of individual transactions... it’s peer-to-peer, every user is allowed to connect to the network, send new transactions to it, verify transactions, and create new blocks...”



Database iceberg:

Insurance claims.

Roof, addition permits.

Utility/energy use.

Mechanical install info.

Traffic information.

Public data.




Transportation Department Permits

Applications to the Chicago Department of Transportation for permits under its jurisdiction, which typically are permits to block or otherwise affect public streets in some way.



Budget - 2016 Budget Ordinance - Appropriations

2016 budget appropriations, as passed by the city council.



Chicago Energy Benchmarking - 2014 Data Reported in 2015 - Map

Energy consumption and building information for existing municipal, commercial, and residential buildings larger than 50,000 square feet to track whole-building energy use. For more details, including ordinance text, rules and regulations, and timing, please visit www.CityofChicago.org/EnergyBenchmarking.



Food Inspections

This information is derived from inspections of restaurants and other food establishments in Chicago from January 1, 2010 to the present. Recently, the City announced a predictive statistical model which uses this data to help protect the safety of restaurant patrons <http://chicago.github.io/food-inspections-evaluation/>

Search

View Types

- Data Lens pages
- Datasets
- Charts
- Maps
- Calendars
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- External Datasets
- Files and Documents
- Forms
- APIs

Categories

- Administration & Finance
- Buildings

Search & Browse Datasets and Views

Most Accessed | This week

Name	Popularity	Type
1. Current Employee Names, Salaries, and Position Titles Administration & Finance personnel This dataset is a listing of all current City of Chicago employees, complete with full names, departments, position	633,292 views	Table
2. Crimes - 2001 to present Public Safety crime, police This dataset reflects reported incidents of crime (with the exception of murders where data exists for each victim) t	225,691 views	Table
3. Building Permits Buildings permits Permits issued by the Department of Buildings in the City of Chicago from 2006 to the present. The dataset for ea	301,168 views	Table
4. Affordable Rental Housing Developments Community & Economic Development housing The affordable rental housing developments listed below are supported by the City of Chicago to maintain afforda	244,779 views	Table
5. Business Licenses - Current Active Community & Economic Development business, licenses, current This dataset contains all current and active business licenses issued by the Department of Business Affairs and C	165,601 views	Table
6. Food Inspections Health & Human Services food, inspections This information is derived from inspections of restaurants and other food establishments in Chicago from Januar	177,723 views	Table

What happens when a real estate entity starts merging these independent databases with each other?

(graphic)

Peer to peer ideology +

Search. Mortgage application.

Inspection report. Title information.

Blockchain data.

+ paperless transaction =

Closed Home.

What happens when the
home becomes an
advocate for itself in a home
sale?

USING
HISTORICAL
HOUSE,
ACCURATE
ESTIMATE
MONTHLY
EXPENSES

YOU AGREE TO PONY UP \$2,000 FOR THE JOB TO BE COMPLETED WITHIN ONE WEEK AND YOU SEND THIS SMART CONTRACT TO THE HOUSE'S DIGITAL RECORDS.

\$750 IS IMMEDIATELY RELEASED FOR AN INITIAL PAYMENT.



ONCE HE'S COMPLETED THE WORK, HE VERIFIES THAT HE'S DONE. YOU CONFIRM AS WELL AND THE HOUSE SENDS THE REMAINING \$1,250 TO HIM.

THE
REVIEWS

FROM
SO,
GREAT

HOME INSPECTOR IS
A SNAP.



Zestimate of a roof life.

Zestimate of mechanicals.

Data licensing costs.

Privacy issues.

iOot Security issues.

Thanks!

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