



COOK COUNTY, ILLINOIS

Chief Data Officer Opportunity in Chicago

Cook County's Bureau of Technology is seeking a Chief Data Officer to join our team.

Cook County offers great benefits and the chance to participate in a strong tradition of public service. Cook County is home to more than five million residents, roughly 45% of Illinois' population. Cook County Government provides a range of vital services and programs that enhance the quality of life for residents across the region. These services range from health care to urban planning. Cook County is committed to empowering its employees to bring our constituents the best that public service has to offer.

The Chief Data Officer's (CDO's) role is to provide organizational governance and policy directives around data usage and lead the effort to ensure that the best information is accessible for facilitating data-driven decision making and innovation across the County. Works with the Chief Information Officer (CIO), Chief Performance Officer (CPO), County-wide IT leaders and other business unit leaders to optimize the use of data in setting and driving the President's agenda along the key policy areas. The CDO develops methodology enabling consistent application and utilization of data analytics and advances a culture of leveraging data to identify trends and support performance management.

Manages a team of information management professionals as well as staff responsible for technological aspects of communication including websites, social media, email communications, video and audio. Organizes and leads a Data Governance Council (DGC) to apply the precepts of data principles; standards; policies; and guidelines. Oversees the integration and staging of data as well as the development and maintenance of the data warehouse and data mart. Works with stakeholders, County-wide, to engage in predictive analytics, create and optimize dashboards and other tools, and further the use of data to better deliver responsive services to County residents.

How do I apply?

Please submit a Cover letter and Resume to Shakmanexemptapplications@cookcountyil.gov. The position description can be found on the right side of this page under the Download option.

When are Resumes due?

Until Filled.

SNAPSHOT OF COOK COUNTY:

- Cook County employs over 22,000 employees who work in a variety of skilled jobs and trades.
- Health Care – Cook County established the nation’s first blood bank in 1937. Cook County Hospital was the first to have a dedicated unit for trauma services. Today our healthcare system treats more cancer patients than any other provider in the metropolitan area.
- Technology – Cook County’s Bureau of Technology provides technology support to Cook County offices and employees, with its wide area network providing service to more than 120 municipalities.
- Courts – Cook County oversees one of the nation’s largest unified criminal and civil justice system and administers the largest single jail site in the country.
- Highway – Cook County maintains almost 600 miles of roads and highways.
- Land – Cook County assesses the value of more than 1.5 million parcels of taxable land and collects and distributes tax funds as a service for local government taxing bodies.
- Safety – Cook County provides vital services to local government, from conducting elections in suburban areas to offering 911 services in unincorporated areas and municipalities.

Location:

Located in the Loop District of downtown Chicago, one of the most formidable business districts in the world, the area has an astounding number of cultural foundations, stunning parks such as Millennial Park and Maggie Daley Park, steps away from the Chicago Riverwalk, award-winning restaurants and plenty of shopping!

In addition, Chicago is serviced by multiple bus and train lines for public transportation from the suburbs to the city, taxis are plentiful, public parking garages for motorist, and bicycle share rentals and local bike lanes for bicyclist.

Benefits:

Cook County employees have access to a variety of benefits, including:

- Medical and Pharmacy Plans
- Dental Plans
- Vision Plan
- Flexible Spending Accounts – Health Care and Dependent Care
- Life Insurance – Group Term and Supplemental Life
- Commuter Benefits
- Pre-paid Legal Services
- Retirement Benefits

Post Offer testing:

All new employees will be required to submit to a satisfactory drug test and background check, based on reports obtained from law enforcement authorities. The reports are based on results from fingerprints taken from all new hires.

COUNTY OF COOK



Bureau of Human Resources
118 N. Clark Street, Room 840
Chicago IL 60602

Job Code:	6805
Job Title:	Chief Data Officer (CDO)
Salary Grade:	24
Bureau:	Technology
Department:	Enterprise Technology
Dept. Budget No.	009
Position I.D.	0012795
Shakman Exempt	Yes

Characteristics of the Position

General Overview

The Chief Data Officer's (CDO's) role is to provide organizational governance and policy directives around data usage and lead the effort to ensure that the best information is accessible for facilitating data-driven decision making and innovation across the County. Works with the Chief Information Officer (CIO), Chief Performance Officer (CPO), County-wide IT leaders and other business unit leaders to optimize the use of data in setting and driving the President's agenda along the key policy areas. The CDO develops methodology enabling consistent application and utilization of data analytics and advances a culture of leveraging data to identify trends and support performance management.

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Key Responsibilities and Duties

Assess the County's data practice(s) and develop plans to create a data-driven culture that pushes the President's policy agenda forward.

Manipulates data to inform executive policy decisions.

Manages and enhances open government data effort including defining standards and coordinating how Cook County offers Application Programming Interfaces (APIs).

Engages internal (County) and external stakeholders to drive awareness and constructive usage of open data.

Identifies various sources of data to drive business innovation throughout the organization.

Analyzes and interprets data to provide suggestions for improving processes and better achieving desired outcomes with County programs and policies.

Uses techniques such as data mining, statistical analysis and modeling for new features and to solve problems, especially related to social science.

Knowledge, Skills and Abilities

Competency in the following foundational concepts:

- Programming in Python
- Working with Jupyter Notebooks
- Differentiating data sources
- Exploring data visually
- Mapping data, particularly using geographic information systems (GIS)
- Building a data schema
- Linking datasets

Knowledge of current computer and electronic data processing systems and technology solutions to business problems.

Advanced mathematical skills and knowledge of probability and statistics.

Strong knowledge of system analysis, computer programming and computer operations.

Skill planning, directing and coordinating the myriad operational details and projects.

Skill estimating resource requirements (staffing and system equipment) as well as estimating the cost of maintaining production services.

Excellent verbal and written communication skills with demonstrated management and supervisory abilities.

Minimum Qualifications

Graduation from an accredited college or university with a Bachelor's degree in computer science, mathematics, statistics, engineering, economics or a related field, **PLUS** a minimum of five (5) years of experience manipulating data in an information technology environment including three (3) years of leadership experience as a manager or director, OR an equivalent combination of professional work experience, training, and education.

Preferred Qualifications

An advanced degree in a quantitatively rigorous field of study.

Three (3) years of experience in the public sector or a large governmental organization.

Experience with Socrata software platform.

Physical Requirements

Sedentary Work

Sedentary Work involves exerting up to 10 pounds of force occasionally or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects. Sedentary work involves sitting most of the time but may involve walking or standing for brief periods of time.

The duties listed are not set forth for purposes of limiting the assignment of work. They are not be construed as a complete list of the many duties normally to be performed under a job title or those to be performed temporarily outside an employee's normal line of work.