

Data Guide

Introduction

This document provides an overview of the challenges and datasets available for each sector; education, health and environment.

ACCESSING DATASETS

All datasets are uploaded to CKAN Open Data Platform and can be accessed at: <http://ec2-52-90-91-16.compute-1.amazonaws.com/organization/odicairo>

1. **Education Sector Datasets:** <http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/education-adminstration>
2. **Environment Sector Datasets:** <http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/dokki-district>
3. **Health Sector Datasets:** <http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/health-adminstration-of-qiza>

The following sections summarizes all available files with download links for each file as well as few specific challenges for each sector.

Education Sector – Challenges & Datasets

We invite teams to come together to create products and solutions using open data to help parents make informed choices about their children's education in one (or more) of these key areas:

1. Expressing a preference for a school
2. Engaging with their children's learning

Whether helping parents to better understand how their child is performing compared to others; enabling them to raise challenging issues at parents' meeting, this challenge has the potential to ensure parents bridge the 'home – education' gap and ultimately improve their child's chances of success in life beyond school.

AVAILABLE DATASETS

This section details all the data sets provided by the education sector.

1. Dokki Schools – مدارس الدقي

Data owner	Directorate of Education – Giza Governorate	Relevance
Coverage	Dokki District	Education

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/02184c24-cf27-49c1-accd-d5fcd1f49fd4/resource/879f6656-cc72-49e4-a07f-237ff166d0a1/download/dokki-schools.xls
Description	A list of all schools in Dokki District including grade, type, school name, number of classes, number of students, address and phone number.

2. E-Learning Curriculum

Data owner	Directorate of Education – Giza Governorate	Relevance
Coverage	Egypt	Education

URL	http://elearning1.moe.gov.eg/
Description	E-learning website with all materials and curriculum for various educational stages.

3. Education Sector Statistics Book 2014-2015 – كتاب الإحصاء السنوي للعام الدراسي ٢٠١٤ / ٢٠١٥

Data owner	Directorate of Education – Giza Governorate	Relevance
Coverage	Egypt	Education

URL	http://emis.gov.eg/Site%20Content/book/014015/main_book2015.html
Description	<p>Website of education Sector Statistics Book 2014-2015 containing:</p> <ul style="list-style-type: none"> • التطور خمس سنوات بالمرحل التعليمية المختلفة • المدارس والفصول والتلاميذ • نتائج الامتحانات للشهادات العامة • المدرسين والاداريين بالمدارس • المؤشرات التربوية

Health Sector – Challenges & Datasets

We invite teams to come together to create products and solutions using open data to help physicians, pharmacists and citizens make informed choices about their medical services in these key areas:

- a. Helping medical business owners/medical service providers (hospitals, physicians and pharmacists) make informed choices about their new businesses based on detailed understanding of the competition as well as citizens requirements/needs in their areas using interactive Location Planners.
- b. Engaging citizens and new medical business owners/medical service providers through interactive applications and thus helping business owners/service providers take better decisions that best fit citizen needs in their areas.
- c. Providing citizens with awareness and fully detailed catalogues about their nearby medical services.
- d. Enabling citizens to provide feedback about their nearby medical services and thus creating a helpful community.

Whether helping business owners to better understand customer needs as well as their competition, providing citizens with nearby medical services, supporting citizens to raise their feedback about nearby medical services and enabling them to express their needs, this challenge has the potential to bridge the ‘medical service providers – citizen’ gap and ultimately improve the medical services provided.

AVAILABLE DATASETS

This section details all the data sets provided by the health sector.

1. Pharmacies – الصيدليات

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/d93fdead-8e92-47ac-9c9f-74f9eb2c65a6/download/pharmacies.xls
Description	A list of all pharmacies in Giza including district name, pharmacy owner name, pharmacy name and type and pharmacy address. It also contain a tab for each district.

2. Clinics in Giza – العيادات الخاصة بمحافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/4605890f-8f9e-4347-8f42-337d8355ce21/download/clinics-in-giza.xls
Description	<p>It include the following lists:</p> <ul style="list-style-type: none"> All clinics in Giza including district name, Doctor name, clinic specialization, address, telephone number and doctor qualification. lists contains the clinics in some districts in Giza including doctor name, clinic specialization, address, authorization number, authorization date, telephone number, doctor qualification, working hours and holydays. A list contains the total number of clinics per district.

3. Specialized Clinics in Giza – بيان تفصيلي للمستوصفات الخاصة بمحافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/0c61f750-4c28-4682-a68e-89559756fc4b/download/specialized-clinics-in-giza.xls
Description	<p>It include the following lists:</p> <ul style="list-style-type: none"> A list of all specialized clinics in Giza including district name, clinic name, clinic address and specialization. A list contains the total number of specialized clinics per district.

4. Births and Deaths (July 2014 - May 2015) – المواليد و الوفيات من ٢٠١٤/٧ الي ٢٠١٥/٥

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/5e00c9b2-6bda-40da-b42d-dd5cbcc10674/download/borns-and-deaths-july-2014---may-2015.xls
Description	It contains two lists one for borns and the other for deaths. Each list includes the number of borns or deaths in each month in each district as well as the total per district.

5. Health Clubs – النوادي الصحية

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/f3f9075b-0ab4-4f91-93e9-c93bba2ab437/download/health-clubs.xls
Description	A list of all health clubs in Giza including district name, health club name, address, health club owner and manager name.

6. Physiotherapists in Giza – مراكز العلاج الطبيعي

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/66c05059-3d8d-4c2d-9c7e-7c8e8513e667/download/physiotherapists-in-giza.xls
Description	A list of all Physiotherapists in Giza including district name, Physiotherapist name, address, owner name.

7. Private Clinics in Dokki – العيادات الخاصة بحي الدقي

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Dokki District	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/7b8d1198-2d6a-4e72-883d-fec19f04ecfe/download/private-clinics-in-dokki.xls
Description	A list of all clinics in Dokki District including Doctor name, clinic specialization, address, authorization number and doctor qualification.

8. Private Hospitals in Dokki – المستشفيات الخاصة بحي الدقى

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Dokki District	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/fe9424be-2e2a-422c-b137-b9a8301a2d5b/download/private-hospitals-in-dokki.xls
Description	<p>It include the following lists:</p> <ul style="list-style-type: none"> • A list of all private hospitals in Dokki including hospital name, hospital type, manager name, address and telephone number. • A list contains the number of doctors, nurses, ICU beds, incubations, ambulances, dialysis and operation rooms in each hospital

9. Specialized Clinics in Dokki – المستوصفات الخاصة لحي الدقى

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Dokki District	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/8261f4d3-3e76-41d7-b847-5ecd5ec04f99/download/specialized-clinics-in-dokki.xls
Description	A list of all specialized clinics in Giza including clinic name, clinic address and specialization.

10. Health Centers of Giza – المنشآت الصحية بمحافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/585ea3b7-610c-4930-a8f2-a2700a1a38f9/download/health-centers-of-qiza.xls
Description	It include a list for several districts in Giza including health center name, telephone number, number of doctors, pharmacists, nurses, dental, family control unit, ambulance, ambulance station point and delivery room

11. Glasses Shops – محلات النظارات

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/cac6e4d7-2c2c-4df6-81ee-c8ecf75a2d9c/download/glasses-shops.xls
Description	A list of all glasses shops in Giza including district name, glasses shop owner name, manager name and address.

12. Private Hospitals in Giza – مستشفيات القطاع الخاص بمحافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/abfb642f-5a54-4244-a1e1-d2a3fd0853cf/download/private-hospitals-in-giza.xls
Description	A list of all private hospitals in Giza including district name, hospital name, hospital type, Authorization number, authorization year, manager name, address, telephone number, number of doctor, number of nurses, number of beds, ICU beds, incubations, ambulances, dialysis and operations rooms.

13. Giza Pharmacies – صيدليات محافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/a1ecdba2-d9dd-44dd-b7bd-b08db79200b0/download/giza-pharmacies.xls
Description	A list of all pharmacies in Giza including authorization number, district name, pharmacy owner name, pharmacy name and type and pharmacy address.

14. Ambulance Units – وحدات الإسعاف بالجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/5142793c-c927-4e52-88a6-c8f2157c0a07/download/ambulance-units.xls
Description	A list of all ambulance centers including district name, center name, address number of cars and number of medics. It also has a list of stationing points including unit name, address, starting date, telephone numbers, number of ambulances and wireless capability

15. Beds Distribution into Hospital Rooms – الاسرة المجانية والاقتصادية

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/1a366dd8-9ca5-4829-8daa-4f7cb16b4a9b/download/beds-distribution-into-hospital-rooms.xls
Description	A list of all hospitals that have recovery beds including total number of economics and free beds, and their distribution among different specialization.

16. Labs in Giza – المعامل الخاصة بمحافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/700189c1-4912-4e8a-8bfa-61aa212f7785/download/labs-in-giza.xls
Description	A list of all labs in Giza including district name, lab name, manager name, address and specialization.

17. Staff – بيانات القوى العاملة الخاصة بالمستشفيات

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/60985b0d-19ec-4fff-aaa2-73efba1fbc3f/download/staff.xls
Description	A list of hospital staff including hospital name, number of human resources in different specializations and total number of human resources per hospitals and specialization.

18. Governmental Hospitals in Giza – المستشفيات الحكومية فى نطاق محافظة الجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/ab0c0574-ff72-4fea-bcbe-3ae3f84b27a8/download/governmental-hospitals-in-giza.xls
Description	<p>It include the following lists:</p> <ul style="list-style-type: none"> • Governmental hospitals including hospital name, type, district, address, telephone number, manager name, manager telephone number. • Health units including unit name, manager name, address, telephone and its services. • Public sector units including name, the authorizing unit, specialization, manager name, address, number of beds and telephone. • Human resources in health units including district name, unit name, number of doctors, number of pharmacist, number of nurses and total per specialization

19. Employees – بيانات القوى العاملة الخاصة بالمنشآت الصحية بالجيزة

Data owner	Directorate of Health – Giza Governorate	Relevance
Coverage	Giza Governorate	Health

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/bd784135-0572-4515-93ab-950f77ea53a6/resource/1610df14-5599-420d-a625-555eb99502b4/download/employees.pdf
Description	A list of different statistics about human resources in hospitals and other health facilities in Giza.

Environment Sector – Challenges & Datasets

We invite teams to come together to create products and solutions using open data to help boost citizens awareness about environmental laws and enhance citizens behavior related to preserving environment.

AVAILABLE DATASETS

This section details all the data sets provided by the environment sector.

1. Dokki Squares – الميادين

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/973d57b1-1994-4c2c-9237-0bc213886201/download/dokki-squares.xls
Description	A list of all squares in Dokki District including square name.

2. Dokki Main Roads – الشوارع الرئيسية بحي الدقي

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/5f88f70f-d4d2-4cee-8359-cc102c3c3669/download/dokki-main-roads.xls
Description	A list of all main roads in Dokki District including name.

3. Dokki Internal Roads – الشوارع الداخلية لحي الدقي

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/aae5e00f-7ef0-415b-a9db-dcbec3cb6af8/download/dokki-internal-roads.xls
Description	A list of all internal roads in Dokki District including district name and street name.

4. Dokki Sectors' Details – القطاعات وعدد الشقق والمحلات

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/8faed73e-2598-4012-8b15-ec3102c78d2c/download/dokki-sectors-details.xls
Description	A list of all sectors and its details in Dokki District including sector boundaries, housing units number, commercial units number, total units number, sector classification and the streets in the sector.

5. Garbage Collection Times – مواعيد جمع القمامة

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/c10c0a6e-f0ea-4b82-8815-c832a8b9a466/download/garbage-collection-times.xls
Description	A list of garbage collection shifts in Dokki District including periods, car type and number of cars. It also contains the best time to through the garbage.

6. Main Trash Bins' Places – الشوارع التي بها صناديق كبيرة

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/046e4cbf-8c8b-4b06-8f31-74d268dbb9da/download/main-trash-bins-places.xls
Description	A list of main trash bins locations in Dokki District including street name.

7. Sectors and Assigned Cars – القطاعات وأرقام السيارات

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/010526a5-7722-44d3-9a3e-860d4137a0d6/download/sectors-and-assigned-cars.xls
Description	A list of assigned cars in main sectors in Dokki District including driver name and assigned cars plate number for each sector.

8. Environment-Law-AR – قانون رقم ٤ لسنة ١٩٩٤ بإصدار قانون في شأن البيئة

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/6a63f3b0-c6d9-4e2c-8564-6a95b2741536/download/environment-law-ar.doc
Description	This document contains the environment law issued in 1994

9. Dokki Map – خريطة حي الدقي

Data owner	Directorate of Environment – Giza Governorate	Relevance
Coverage	Dokki District	Environment

URL	http://ec2-52-90-91-16.compute-1.amazonaws.com/dataset/81cb4836-21f2-4f7c-b100-454abd771939/resource/2db136e4-7d48-4ecd-af91-62953f977e23/download/dokki-map.jpg
Description	This is a map of the Dokki District.