

The background is a dark blue gradient with abstract digital elements. On the left, there are concentric circular patterns resembling a stylized eye or a data visualization. Scattered throughout are binary digits (0s and 1s) and some larger, faint, curved shapes that look like stylized letters or data paths.

Data Science Internship Project

-Shubham Makreja



Part I -analysis

a pseudo datasheet of data is provided by joint rapid emergency needs assessment (JRNA) in field being filled by enumerators on Kobo Collect/Google Form and accessed as Excel.

Task Statement

Analyse the JRNA data set

Analysis of dataset



Introduction

01 The given dataset gives insight about the situation of resources availability.

02 It gives answers various questions as yes/no , like “**Are small shops and restaurants open in your area ?**”

03 Some of the answers are missing within the dataset

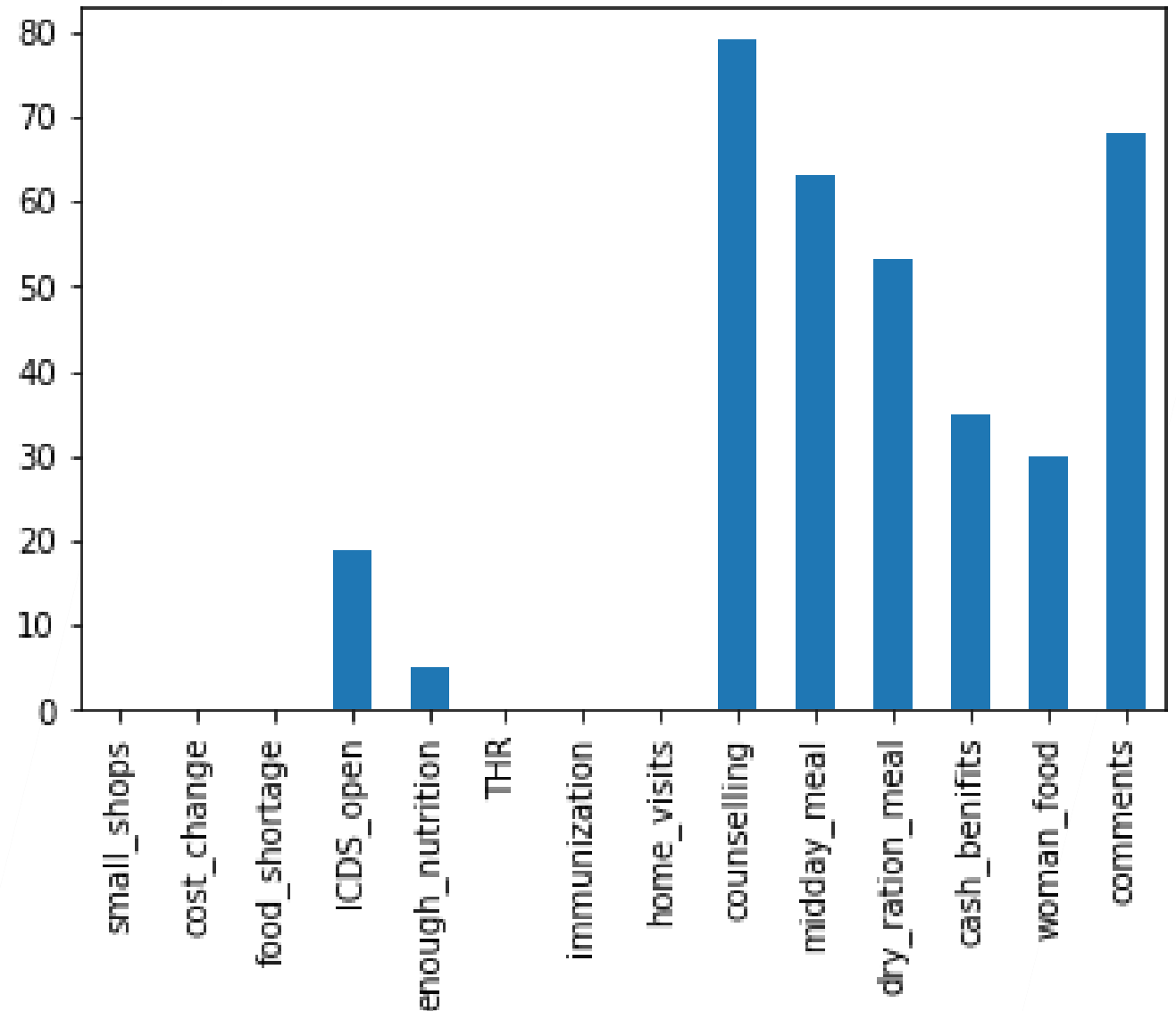
Questions answered in the dataset

- 1 .Are small shops and restaurants open in your area ?**
- 2 .Has there been a change in the cost of food in such outlets ?**
- 2 .Is there a shortage of certain food items ?**
- 3 .If yes, Which items**
- 4 .Are ICDS centres/ Anganwadis open in your locality ?**
- 5 .Is there enough distribution of supplimentary nutrition at these centres ?**
- 6 .Is supplimentary nutrition distributed as THR ? (to children in age group of 3-6)**
- 7 .Is immunization hapening as per prescribed norms ?**
- 8 .Are these centres conducting home visits to ensure essential nutrition ?**
- 9 .Are they conducting counselling sessions for children and parents ?**
- 10 .Is there a regular supply of meals under mid - day meal ?**
- 11 .Is there a provision of Dry ration under the Mid - day Meal scheme ?**
- 12 .Are families in your area getting cash benefits on food products under
M id - day Meal scheme ?**
- 13 .Do women and adolescent girl in your area have access to enough food and
nutrition?**
- 14 .Comments/ Suggestions 231 non-null object**

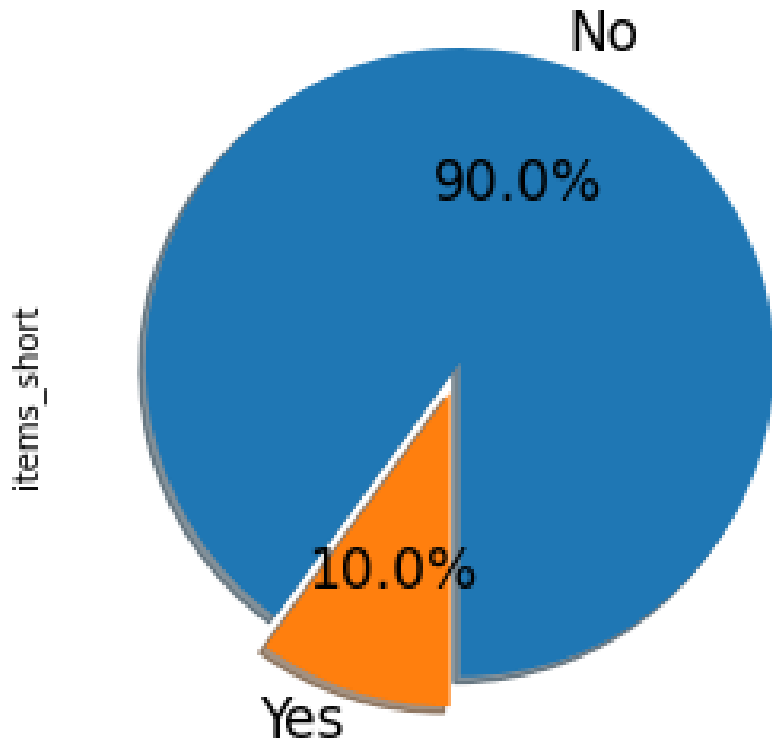
Unknown values

There was no information provided on certain places

- ❖ Counselling has maximum number of null values. i.e. least information is known about conducting counselling sessions.
- ❖ other questions for which data is less are whether they get mid-day, dry rations and cash benefits.



Items shortage



- ❑ It can be clearly seen in the given pi- chart,there is shortage of items at only 10% of places.
- ❑ Therefore, it can be inferred that there are plenty of supplies available.

The shortage items include:

Services

- Transport
- Doctors
- Electricity

stationary

- Fevicol
- Sinpaper
- Pampers
- Anchor

food

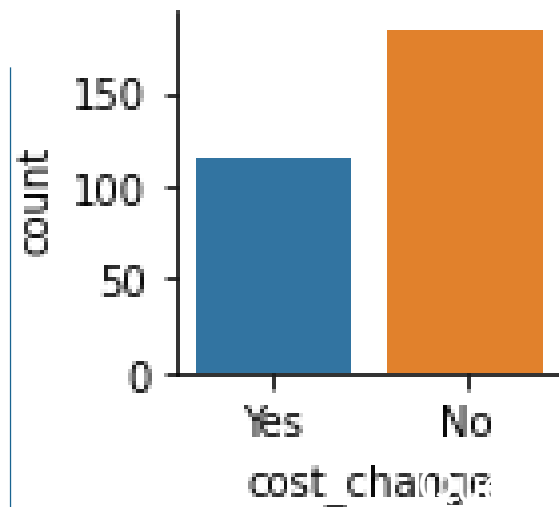
- Rice
- Oil
- Flour
- Green vegies
- Eggs
- water

Questions Analysis



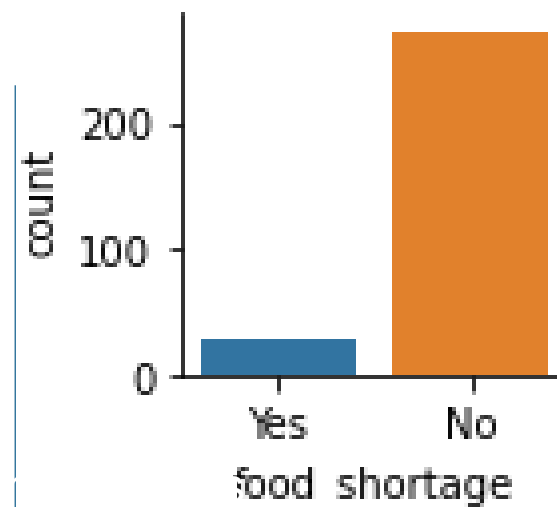
Are small shops and restaurants open in your area ?

As it can be seen in the chart above, Most of the places have shops opened up, which would provide ample amount of resource for daily needs.



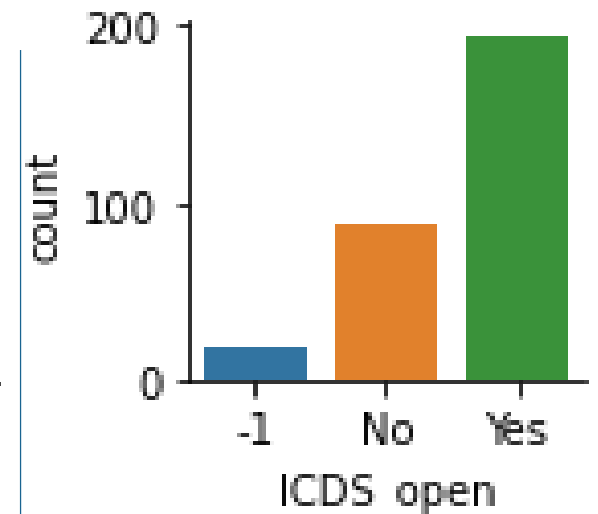
Has there been a change in the cost of food in such outlets ?

Almost 40% of the shops have changed their prices. Moreover, there has been no significant change in processes in most of shops.



Is there a shortage of certain food items ?

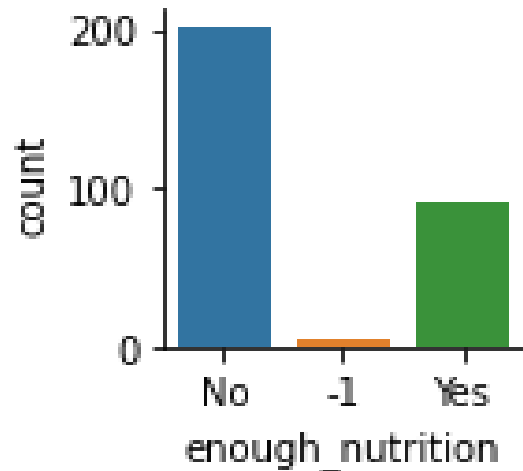
The shortage of food is at very few places, which can be considered almost negligible. Moreover, there is no food shortage seen at most of the places.



Are ICDS centres/ Anganwadis open in your locality ?

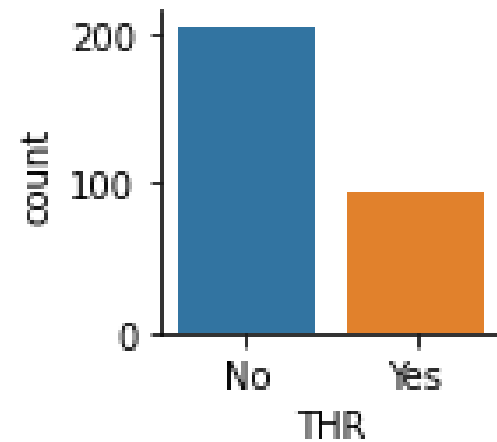
More than half of ICDS centres are open, and others are sure to be closed, however, situation for small amount of centers is unknown.

Questions Analysis



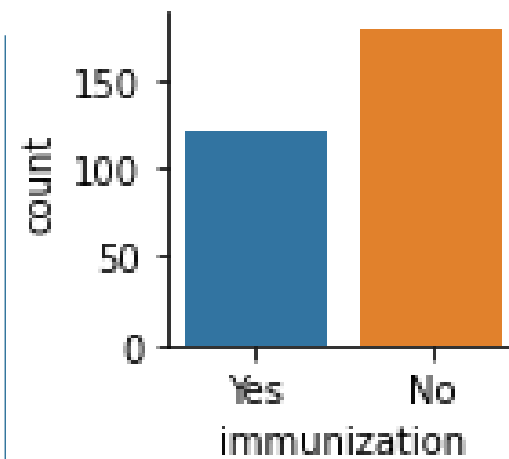
Is there enough distribution of supplementary nutrition at these centres ?

A small amount of centers are providing enough nutrition. Majority of these centers are not able to satisfy the nutritional requirement. negligible number of places have not provided information.



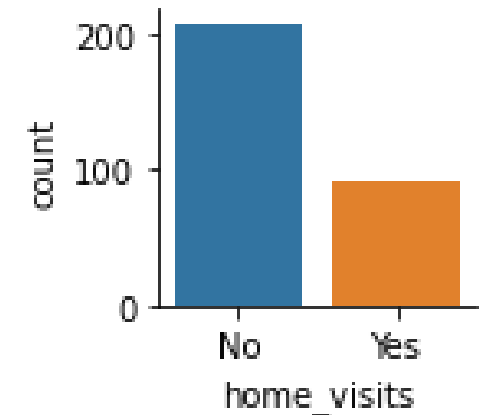
Is supplementary nutrition distributed as THR ?

Children under age of 3-6 are not getting supplementary nutrition at most of the centers, however, some centers still fulfill these requirements.



Is immunization happening as per prescribed norms ?

In almost 60 % of places, immunization is not happening as per the norms, however, small but considerable amount of places are providing it.



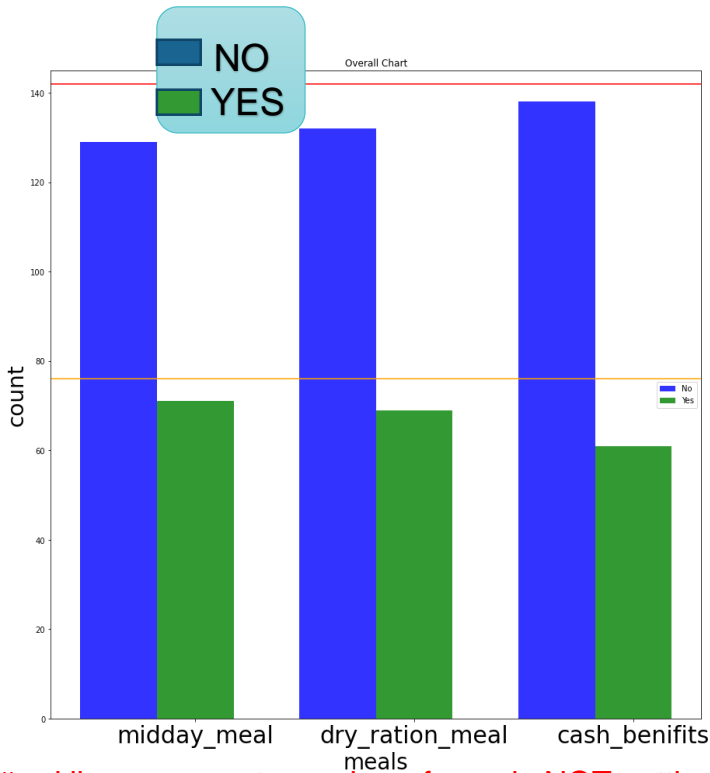
Are these centres conducting home visits to ensure essential nutrition ?

More than half of ICDS centers are open, and others are sure to be closed, however, situation for small amount of centers is unknown.

Daily ration vs food Shortage

Not enough supply of Meal

The graph shows , that majority of places don't get enough 'midday_meal', 'dry ration', 'cash benefits'



#red line represents number of people NOT getting enough nutrition.

#Orange line represents number of people Getting enough nutrition.

Daily meals

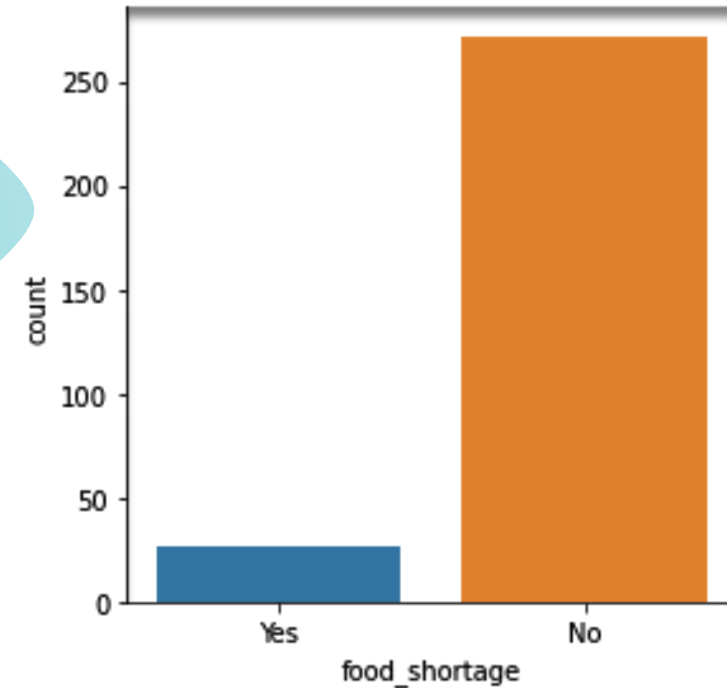
Is it being provided?

No food Shortage

The provided bar chart shows how many places have shortage of food .

Food_shortage

Is there shortage of food at the centers?



It is quite contradicting that there is enough supply of food an most of the places , but , on the other hand people are not getting enough nutrition !

It gets us to the result that either , theres lack of transportation, or pople don't have enough money to buy the food !

Thank You

The background features three large, overlapping triangles pointing towards the top right. The leftmost triangle has a rainbow gradient from purple at the bottom to yellow at the top. The middle triangle is a solid teal color. The rightmost triangle has a gradient from orange at the top to blue at the bottom.