

# SocBiz Data Analytics Resources

Welcome to the exciting world of **data analytics**! In today's data-driven era, extracting meaningful insights from vast amounts of information is a precious skill.

To prepare you for your upcoming recruitment test, we have included a curated list of online courses that will be useful for you in the upcoming **SocBiz Recruitment test**. These courses are offered by renowned platforms and institutions and cover the test syllabus. They will help you build a solid foundation and develop the technical skills needed to manipulate and analyze data effectively.

## Data Analysis Process:- [Process](#)

These are the Resources which will help you in your recruitment test and interview in Data Analytics vertical

### 1. Data Interpretation

Data interpretation is the first step to approach a data analytics problem. It consists of understanding the data types, how to treat and categorize different data types, and how to understand what the input data conveys. A basic understanding of data types, different types of graphs and their usage is good enough.

What are the different data types in a dataset? - [Youtube](#), [Youtube](#)

What is interpretation of Data? - [Youtube](#)

Reading Graphs - [Youtube](#), [Youtube](#)

## 2. Excel

Excel is a powerful tool used to clean data, modify data, pull out specific data from a dataset and represent data visually using graphs and charts. Here are a few resources on Excel

### Resources:

Topics	videos	Blog
Functions	<a href="#">Youtube</a> (basics)	<a href="#">Blog</a>
	<a href="#">Youtube</a> (advanced)	
Pivot Table	<a href="#">Youtube</a>	<a href="#">Blog</a>
V Lookup	<a href="#">Youtube</a>	<a href="#">Blog</a>
X Lookup	<a href="#">Youtube</a>	<a href="#">Blog</a>
Sorting Data	<a href="#">Youtube</a>	
Filtering Data	<a href="#">Youtube</a>	
Macros	<a href="#">Youtube</a>	

For the application of the concepts learned, refer this video: [Youtube](#)

## 3. Probability and statistics:

As mentioned in recruitment slides, the concepts you learnt till 12th grade will be sufficient.

Stat110: First five lectures: [Youtube](#)

Brainstellar: <https://brainstellar.com/puzzles>

GFG: <https://www.geeksforgeeks.org/puzzles/>

# Interview Rounds

In interview rounds, we will be focusing on the **recruitment test syllabus**, **guesstimates**, **freakonomics** as well as **in-depth case studies**. We will also be asking **puzzles** to check your aptitude which you can practise from platforms like GeekforGeeks and Brainstellar. We are primarily a problem-solving club aimed at solving business problems, and data analytics is a skill used to solve them. We expect you to be interested in the field of business too and enthusiastic about how to apply data analytics to solve business problems. The recruitment test also requires you to attempt at least 2 verticals, so pick another vertical apart from data analytics and study that too.

**Good luck for your preparation!!**