**Business Math’s & Statistics**

Business Math’s & Statistics for data professionals. This course will be helpful for business analyst, data analyst or a data scientist career.

80% of the data work can be done by 20% math and statistics. These fields are broader, so we do not need to learn everything but we will need to learn some special 20% of math and statistics for data analyst and business analyst.

For Data Scientist we should learn some little more advance math.

Intersection diagram:

Let’s say you are working

As a data analyst or

Data scientist in Expedia

Or rooms which are

Hospitality domain

Companies then you need

To have some domain understand-

-ing for example how hotel booking works or what is the occupancy rate or what is booking capacity, all of that we need to know and that falls under business logic, this is something typically done by business managers but as a data professional you also need to have some understanding of on domain on business side of things then comes mathematic and statistics skills, where we should learn some basic math and statistics such as percentage, variance, mean, median, sum, average, standard deviation, correlation, mode and these things should be sufficient and these 2 as shown in diagram will combine to form something called business metrics or kpis( **key performance indicators** ) when you are looking at any business then KPIS are revenue, profit etc. for example if you are looking at Apple phone’s, how many iPhone’s they sold last year, what are my top 5 products, who are my top 5 customers if you are in a service industry so these are all called KPIS or business metrics and it is an intersection of business math and statistics and business logic.

Now if we add a 3rd dimension to it:

As for data analysis or scientist

Only business logic and business

Math is not enough,

We need to learn

Some tools such as excel, python, R, powerBi and the interaction of these tools are basically data analysis but by learning only tools without math and statistics you will not be able to do data analysis, it is a classical mistake that people do.

So with the combination of these 3 things a person can became a good data analyst. One should focus on these total entirely.