## Chapter 5 Data: The Foundation of your Data Story The data story that we seek to teel are as strong as the data foundation on which they're built · RELEVANCE: I) the data even relevant to the problem you are trying to solve? The Pata must be applicable to the situation or problem being attempted to analyze and understand. · more than doten , we will be working with less than idead destares · To Toustworthiness + data that is accurate and a trustroorthy? · Trust worthy data is correct of valled a free from Dignificant defect

. Trusticonthines of your data begins with people wollection, processing and maintenance of dayas à Every Data Hory needs a central gnoight. . when analyzing data, it can often feel like an endless mare with multiple potential paths to bollow . The right question can provide direction and purpose. Key points to be considered for Birding a central insight? · Problem (Current state) · outone (tuture state) Actions (Approach) measure (progress) 2 Do you have an actionable insignt? Once, we have bound on insight, heat thing to ask is whether Its actionable on not? 9t should par 'so what' tot

. We should have the answer of the following question regarding our (Insight'= 1. long should your audience care?

2. what should they do about it?

3. what's the potential business impact? Breaking down the above questions > 1. Dhy phoud your audience care? 1) Valuable 11) Relevant 2. what should they do about it? Action should be: i) Practical ii) specefic 3. What's the potential business impact? The potential impact should bei) Concrete ii) Contavalized. the year name or achorachie SUMMARY SO FAR; · we started out with data, the foundations, which should be relevant to the problem and should also be trustable

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2) How cognitive bias can distort  your data story + (by system-1)  i) Confirmational bias						
	Ten To	seanch	602	and	acce	pt
beliefs or views, and to ignore information the against your aisting opinions.						
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THE PERSON NAMED IN	appening,					

i) Survivorship Blas -To five bours only on what succeeded of survived while ignoring what failed or aid not surine. ii) The Curre of Knowledge + To copieme other people have the heressary knowledge to follow what you're communicating Knowing your audience, being sey aware of your own preferencies and using data stories to convey to can helpto contract this. → How ballacies can evode data boundation > (by system 2) i) Correlation Fallacy + Generation: Different variables are fluctuating together in a similar of Inverse marner. Causation - Change in one ministron courses charge in other, Collection does not imply causation

il Texas sharpshootes Fallacy: when someone assigns significance to random set of considences iii) Hasty Generalization Fallacy! When someone makes a broad claim that isn't justified by sufficient or unblased data. is Bad. Even if we had done all the previously mentioned skills consectly there is still a chance that we do one midrat one more tring to be careful of information orallow · Ponit overwhelm your audiernce PTO Avoid Information bredoad! · Porit use incralent data on chart. · Avoid dense taxt in pudes. · lay cour your content that to easy to