Introduction to Statistical Analysis: Hypothesis Testing  
SAS  
We start the revision of Week 1 on Monday, 16th January 2023.  
{If you are unemployed or cannot afford this course offered by Coursera please do the free Statistics course offered by freeCodeCamp: <https://lnkd.in/d4jVeVzU> }  
[#revision](https://www.linkedin.com/feed/hashtag/?keywords=revision&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7018519803363508224) [#statistics](https://www.linkedin.com/feed/hashtag/?keywords=statistics&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7018519803363508224) [#datascience](https://www.linkedin.com/feed/hashtag/?keywords=datascience&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7018519803363508224)  
<https://lnkd.in/dm3nxXQm>

Your toolkit for 2023 should contain these:  
  
1) Notebook for questions; code; real world examples and new knowledge in the field. { You may want to study further some day so get used to writing. Documentation of the code is a skill we all need to learn so that others can read how it was done.}  
  
2)Create a GitHub account (or other that you prefer) for projects  
  
3) Code daily for 15 minutes. This is a beginner level study group so we give you bite size chunks for the first month or so. From 15 minutes work up to 1-3 hours of coding daily. In your 9-5 workplace you’ll be coding longer. Get the love of it the sooner the better. [#toolkit](https://www.linkedin.com/feed/hashtag/?keywords=toolkit&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7019241910301044736) [#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7019241910301044736) [#linux](https://www.linkedin.com/feed/hashtag/?keywords=linux&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7019241910301044736) [#2023coding](https://www.linkedin.com/feed/hashtag/?keywords=2023coding&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7019241910301044736) [#learning](https://www.linkedin.com/feed/hashtag/?keywords=learning&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7019241910301044736)

16th and 17th January 2023  
Today and tomorrow (Mon & Tues) are for easy tasks in our 3 topics.  
  
Topic 1: Introduction to Statistical Analysis: Hypothesis Testing (SAS)  
Tasks- Videos, readings & setup  
Welcome and Meet the Instructor; Demo; Learner Prerequisites; Course Logistics & Data Setup; Intro & Overview; Statistical Modeling Overview; Question 1.01.  
  
Topic 2: Python  
Tasks: Setup and reading  
Watch Python setup video <https://lnkd.in/dZxTzjbD>  
Bookmark this link and read Chapters 1 & 2  
<https://lnkd.in/ez-r4mt>  
  
Topic 3: Linux SysAdmin Practical Work  
Tasks: Setup Linux Distribution; Introduction to Linux; Basic Linux Commands <https://lnkd.in/daZRujpi>  
  
Fun Task: Send your memes to and Chat with one another on <https://lnkd.in/dq9gg78K> or Telegram <https://lnkd.in/d7njUhTK>  
Email Rugshana: [edtechrsa@gmail.com](mailto:edtechrsa@gmail.com)  
  
[#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7020647339803521024) [#data](https://www.linkedin.com/feed/hashtag/?keywords=data&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7020647339803521024) [#linux](https://www.linkedin.com/feed/hashtag/?keywords=linux&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7020647339803521024) [#studygroup](https://www.linkedin.com/feed/hashtag/?keywords=studygroup&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7020647339803521024)

[Linux Administration Tutorial | Linux Tutorial | Linux Course | Intellipaat](https://youtu.be/aaEoyVIowk8" \t "_blank)

[Linux Administration Tutorial | Linux Tutorial | Linux Course | Intell…](https://youtu.be/aaEoyVIowk8" \t "_blank)

[youtube.com](https://youtu.be/aaEoyVIowk8" \t "_blank)

18th – 22nd January 2023 (Wed-Sun)  
NB Send your questions Sundays, Mondays, Tuesdays & Wednesdays. On Thursdays & Fridays we deal with FAQs of the week.  
  
Let's go further into the content.  
  
Topic 1: Introduction to Statistical Analysis: Hypothesis Testing (SAS)  
Tasks- Complete Week 1 Watch the rest of the videos, complete the readings & make notes.  
  
Topic 2: Python  
Tasks: Watch Python tutorials here <https://lnkd.in/dQWQrz27>  
Make notes of Chapters 1 & 2 and  
Read Chapter 3 <https://lnkd.in/ez-r4mt>  
  
Topic 3: Linux SysAdmin Practical Work  
Tasks: Make notes of  Basic Linux Commands <https://lnkd.in/daZRujpi>  
Watch the next chapter and write down the commands  
  
The next post is about GitHub.  
  
If you can't afford the courses mentioned follow the self-taught roadmaps in our eBooks. Email Rugshana for the downloads & assistance: [edtechrsa@gmail.com](mailto:edtechrsa@gmail.com) (She uses Telegram & iMessage: +27781018044)  
  
[#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#data](https://www.linkedin.com/feed/hashtag/?keywords=data&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#linux](https://www.linkedin.com/feed/hashtag/?keywords=linux&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#studygroup](https://www.linkedin.com/feed/hashtag/?keywords=studygroup&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#email](https://www.linkedin.com/feed/hashtag/?keywords=email&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#github](https://www.linkedin.com/feed/hashtag/?keywords=github&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592) [#content](https://www.linkedin.com/feed/hashtag/?keywords=content&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021384518058094592)

Bookmark this link. Watch the video and make notes of important points you start forgetting.  
  
We all must start contributing to Open Source at some point. Take it easy. We will laugh at our mistakes together. Do not feel depressed when someone makes a mean comment. Ignore them or complain on Twitter, Reddit or Mastodon.  
  
GIT AND GITHUB CRASH COURSE.  
[#github](https://www.linkedin.com/feed/hashtag/?keywords=github&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021387856061378560) [#git](https://www.linkedin.com/feed/hashtag/?keywords=git&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021387856061378560) [#opensource](https://www.linkedin.com/feed/hashtag/?keywords=opensource&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021387856061378560) [#comment](https://www.linkedin.com/feed/hashtag/?keywords=comment&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021387856061378560)  
<https://lnkd.in/dNQDbPUi>

Kindly bookmark this link for Topic 2: PYTHON WEEK 2 [#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7021810236537585665)  
<https://lnkd.in/dKZWJ7-k>

We’ve got requests to go a little slower. That’s reasonable. Thank you for reminding us. This is what we can do for you.  
  
Topic 1 (Predictive Modeling) can’t go slower for those doing it “live” on Coursera but I’ll do a recap class with extra time given on challenging sections.  
  
In Topic 2 (Python Full-Stack) we’ll read one chapter per week instead of 3 thus next week will be Chapter 2. Coding is more important than reading. We’ll focus more on coding. Remember that Python is the first of many programming languages to “break us into” tech. Study more languages on your own after this study group.  
  
For Topic 3 (Linux SysAdmin Prac) we’ll learn one hour of commands per week out of the 6-hour tutorial from Intellipaat. By week 6 we should be done. For the remaining +-44 weeks we’ll practice many hundreds of pages from Linux SysAdmin books. [#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570) [#linux](https://www.linkedin.com/feed/hashtag/?keywords=linux&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570) [#coding](https://www.linkedin.com/feed/hashtag/?keywords=coding&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570) [#predictivemodeling](https://www.linkedin.com/feed/hashtag/?keywords=predictivemodeling&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570)  
  
Celebrating Week 1! Feeling thankful to you all! Have an awesome weekend! [#yougotthis](https://www.linkedin.com/feed/hashtag/?keywords=yougotthis&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570) [#programming](https://www.linkedin.com/feed/hashtag/?keywords=programming&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022073587054317570)

2023 COURSE OUTLINE  
NB Dates are not fixed for the content as we all learn differently. This is a brief summary of the work we are covering.  
[#studygroup](https://www.linkedin.com/feed/hashtag/?keywords=studygroup&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022122836064448512) [#python](https://www.linkedin.com/feed/hashtag/?keywords=python&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022122836064448512) [#coding](https://www.linkedin.com/feed/hashtag/?keywords=coding&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7022122836064448512)  
  
  
<https://lnkd.in/dhHjiZj8>

This study group is about purpose. What problems do you want to solve?  
  
We have many problems across African countries which need to be solved. So the purpose of our study group is to find your unique problem/project to solve. This is about purpose not being a carbon copy of popular social media coders.  
  
In the West they chase FAANG jobs and the whole glamorous idea of being in big tech. If that’s your thing you don’t need our study group, keep watching their videos.  
  
When you step outside of your home in any African city, wealthy or poor you’ll see tons of unsolved tech problems. Even inside your home you’d like things to run easier and faster.  
  
Focus on your purpose. [#tech](https://www.linkedin.com/feed/hashtag/?keywords=tech&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7023205352301080576) [#project](https://www.linkedin.com/feed/hashtag/?keywords=project&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7023205352301080576) [#programming](https://www.linkedin.com/feed/hashtag/?keywords=programming&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A7023205352301080576)