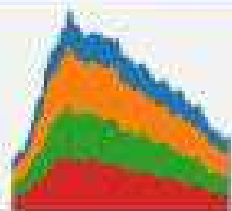


১. কখনো ফেইল করা যাবে না।
২. কোন কিছু নিয়ে বেশি ইমসনাল হওয়া যাবে না।
৩. ইন্টারনেটে কি করবো তা নিয়ে সাবধান থাকতে হবে।
৪. অযথা টেন্সন করা যাবে না।
৫. অতীত কি করসি তা নিয়ে পরে থাকলে হবে না
৬. মজা মাস্তি কন্ট্রল করতে হবে।
৭. মানুষ এর খচানি বা টিটকারিকে ইগ্নর করতে হবে।
৮. মামা খালু এর পিছু ছাড়া যাবে না।
৯. যা কামাই করসো সব খরচ করা যাবে না
১০. কোন কিছুতেই ভালো না এমন হওয়া যাবে না।

THE ULTIMATE DATA SCIENCE SKILLS

ITEM #1



Tableau

I get asked the question “where should I start in Data Science?” a lot. My answer is always: Tableau. Not only is this an ultra-powerful tool for seasoned analysts, but it’s also so easy to learn that it’s a great entry point into the World of Data. Tableau is like a Data Science career hack. Seriously.

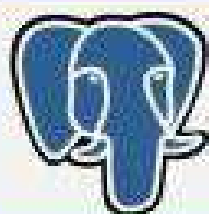
ITEM #2



R / Python

These two programming languages have become the two titans of Data Science. While very different in nature they both facilitate the same thing – statistical analysis of unlimited complexity. Knowing at least one is a must. Knowing both puts you miles ahead.

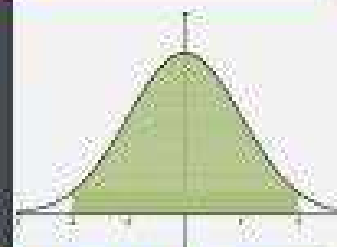
ITEM #3



SQL (or PostgreSQL)

Knowing how to efficiently query databases is a crucial part of Data Scientist’s job – to analyze the data you first need to get to it! SQL programming also develops a certain way of thinking about data which helps you see the big picture and workflow of your analysis. Hands down, a must-have skill.

ITEM #4



Statistics

Needless to say that if you want to be successful as a Data Scientist you will need to develop a certain level of statistical acumen. Start with Logistic Regression, A/B testing and, my favourite, the Law of Large Numbers. With time you will add more stats techniques to your arsenal. For now it’s important to get started.

ITEM #5



Presentation

Believe it or not, but preparing the data, building models, creating visualizations and deriving insights – are only half of the job. To be a successful Data Scientist you need to be able to communicate your insights to your audience. Get ahead the competition by honing in on your presentation skills!



WICHITA STATE
UNIVERSITY
FAIRMOUNT COLLEGE OF
LIBERAL ARTS AND SCIENCES
Department of Chemistry

March 2, 2020

Dear MD.Barkat, Mia,

Congratulations on your admission to the Chemistry PhD program at Wichita State University. We would like to take a moment to clarify a few points regarding financial support and scheduling.

International students must obtain a score of 50 or better on the TSE, 23 speak score on the TOFEL (and 79 overall), or 7 speak score on the IELTS (and 6.5 overall) to be eligible for departmental Graduate Teaching Assistantship (GTA) support. Your CollegeNet uploaded TOFEL or IELTS results show you have not met this requirement. As a result, we are unable to provide you with financial support in the form of a (GTA) for fall 2020. If you expect to be supported by a Graduate Research Assistantship (GRA) when you begin your studies, you should make sure that you have arranged for this in advance. You may contact a Chemistry Department faculty member whose research interests you and ask if he/she would be able to support you as a GRA. Alternatively, you may wish to retake the TOFEL or IELTS and attempt to receive a speak score and total score that would make you eligible for departmental GTA support this spring. However, there is no guarantee that by the time we receive your new TOFEL/ IELTS scores there would still be GTAs available for fall 2020.

With respect to scheduling, you need to be aware of two issues. If you do have a commitment from a faculty member to be supported on a GRA, it is imperative that you plan to arrive in Wichita no later than 2 weeks prior to the start of classes – earlier if possible. By law, we are unable to begin paying you before you have obtained a Social Security card from the United States Social Security Administration, and it can take 2-4 weeks before you actually receive your Social Security card. Not only will you not be able to begin your assistantship, but there are some benefits granted by the university to GRAs which will be unavailable if your assistantship begins later than the 20th day of classes (approximately one month after the start of classes). These benefits include subsidized health insurance and waiver of out-of-state tuition fees.

Also, you should be aware that all incoming graduate students must take assessment exams in the areas of analytical chemistry, inorganic chemistry, physical chemistry, organic chemistry and biochemistry. These exams are given during the week immediately prior to the first day of classes (fall and spring semesters) and must be taken by all entering graduate students.

We hope that you will choose to pursue your graduate education in chemistry at Wichita State. Please feel free to contact us with any questions or concerns.

Sincerely,

Douglas S. English, Ph.D.
Department Chair
doug.english@wichita.edu

Dennis H. Burns, Ph.D.
Graduate Coordinator
dennis.burns@wichita.edu