Juan Villegas

BIS 205-05

Hemenway

BIS 205: What does I want to learn

I want to first start this little ‘Essay’ off by introducing myself. My name is Juan Villegas, and I’m a Data Science major with a concentration in Math… thinking about minoring in either Data Analytics or BIS. My journey in choosing data science was definitely a ride. My freshman year I started off as a SLM Major, I transitioned to Math with a concentration in Actuarial Science, and last semester I officially switched to Data Science. My sophomore semester, I took Statistics using R, and last semester I took Explorations in Data Science. It was hard to admit I enjoyed these classes but after taking the first actuary class, I knew Data Science was the way to go.

I love the Data Science procedure of framing the problem, collecting raw data, processing the data for analysis, exploring the data, performing in-depth analysis and communicating results of the analysis.

When I collect raw data, I google all the time ways to clean the data (because data sets are never perfect) on either Excel or R. I’m hoping that this class teaches me useful tricks on how to clean data.

Being a Junior, I look for internships for my major. I notice that most employers want proficiency in Databases and SQL. I know that we will be covering MS Access (a database), so I hope that I’ll be able to learn a good amount for my Financial Analyst internship I have this summer with Cigna