



# EDSP Mentoring Challenge- Math

# Agenda

- Module Leaders
- Why is math important?
- Overview of Materials
- Contact Details

Questions & Discussions

# Math Leaders

Natasha Savic



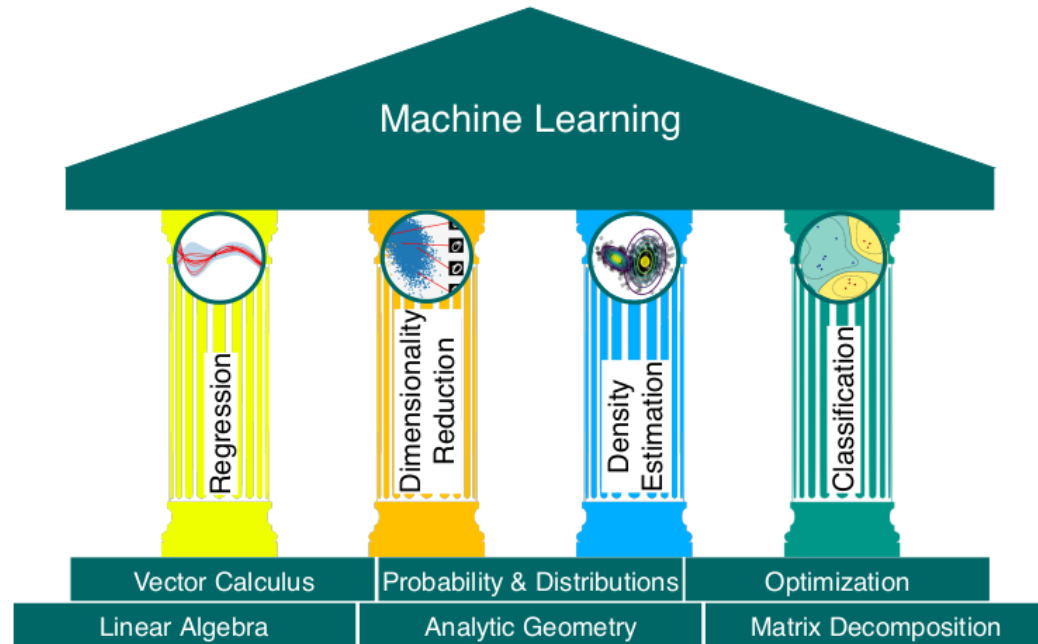
AI Ranger, Cloud Solution Architect (Zurich, Switzerland)  
Natasha is part of the Corp CSU AI Rangers Team. Prior to joining Microsoft, Natasha was a Senior Data Scientist working with clients in the banking, life sciences, consumer goods and industrial industry. She was responsible for the implementation and project management of multiple Machine Learning engagements – most of them in the supervised learning area. Her technology background is mostly in open source with Python, R & PySpark.

Nicole Serafino



I joined Microsoft last year as a CSA on the US National Team. Since then, I have been working on EDSP engagements where I develop and operationalize end to end advanced analytics and AI solutions in Azure for customers across all industries. Prior to joining Microsoft, I was a Software Engineer and Data Scientist at IBM where I worked on several different Data & AI products such as SPSS and CPLEX. My educational background is in Math and Computer Science, and when I am not working, I enjoy running, golfing, and spending time with my 2 dogs.

# Why Math?



- Linear Algebra: enables algorithms to run on massive datasets
- Calculus: finetunes the result and optimizes the algorithm's performance
- Probability: predicts the likelihood of future events
- Statistics: helps to identify the goal and draw logical conclusions from the available data and information

Machine Learning is built on mathematical prerequisites

# Material Overview

- Git Repo
  - All the materials can be found in the [ADO repo](#)
  - Materials are from [Khan Academy's Statistics & Probability Course](#)
  - All Recordings and Presentations will be stored here
- Evaluation
  - Complete the Course Challenge in Khan Academy after completion of the units
  - Try to earn all mastery points

# Need Help?



Attend Weekly Office Hours



Reach out to your Mentor



Post in your Mentor Group



Send Myself/Natasha an Email/Teams Chat

Questions