

Faculty Information

CLASTER, William

■ Specialization:

Accounting and Finance (AF)
Marketing and Management (MM)
Innovation and Operations Management (IOM)

■ Research Area:

Data Science, classification, forecasting, algorithms, text mining, machine learning, AI

■ Keywords:

Data Mining, Big Data, Data Science, Business Analytics, Predictive Modeling, Mathematics

■ Seminar Topic:

Application of data science & machine learning to big data in finance or marketing. However, the seminar will consist of learning about machine learning. Applications should be worked out by the student in consultation with the instructor.

■ Seminar Teaching Method:

Independent study & Consultation-based. Supervisees are expected to learn on their own with guidance from the professor. They are expected to use web-based courses that I will point you to and to read journal articles and make presentations on their proposed topic or progress report every week.

■ Possible Research Topics for Students:

Application of data science & machine learning to big data in finance, marketing, public policy, or other topics that students may choose. You may be required to learn Mathematics as well.

■ Research Method:

I will expect students to be willing to go through courses and lectures that are available on the web. There is a full and rich set of courses I will direct you to.

■ Comments:

The field is booming. If you want to become a data scientist you need to know programming. I will direct you to some basic Python and or R courses. If you are not willing to program you would need to discuss with me before selecting this seminar.

■ APU Researcher Database:

<https://researcher.apu.ac.jp/apuhp/KgApp?resId=S001454&Language=2>