

CASE STUDY

Which Recent College Ready Graduates Have Not Matriculated?



AT A GLANCE

Research Question

Who are the recent college ready graduates that have not matriculated?

Findings

- Matriculation can be a 3 year journey
- 29K of 49K high school graduates have not matriculated into either Valencia or UCF
- 14K of 29K students show intent or ability to succeed in Post-Secondary Education



Want to learn more about the data set, the machine learning analytics or how the results were put into action? Email me at mholt@midtowncg.com

Michael Holt

Director

OBJECTIVE

Determine which high school students are college ready but have not matriculated to University or Community College.

BACKGROUND

A simple query like "can we identify the Central Florida students who can, but have not matriculated to post secondary education" set off an effort to identify and engage 29k recent graduates. The study zeroed in on the recent graduates who present the ability or intent to matriculate but have not done so in 2020.

Using the CFEED platform (Powered by Azure) the team at Valencia College analyzed the journeys of students who graduated between 2018 and 2020. After 3 weeks and thousands of machine learning driven analytics this is what they found.

FINDINGS

One

Matriculation can be 3 year journey. 29K of 49K high school graduates have not matriculated into either Valencia or UCF and 14K of 29K students show intent or ability to succeed in Post-Secondary Education

Two

Minorities have seen decreases in Valencia matriculation rates, but Black/African American's see the biggest declines

Three

10 Schools are driving the decrease in student matriculation to Valencia, some have a historical trend in declining matriculation that goes beyond COVID 19