Capstone Project 2019

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Prior to expanding and improving the University’s infrastructure (i.e., additional classrooms, residence halls, or administrative buildings) you should conduct a campus footprint study that is aligned to the University’s strategic initiatives, such as increasing enrollment.

**Problem** Limited capacity for residential space.

**Client** Clark Atlanta University just adopted its 2018-2023 Strategic Plan, which focuses on expanding and improving its campus footprint to increase enrollment.

**Data Collection (1st source)** The source of data is integrated Postsecondary Education Data System (IPEDS), and I will collect the following data below.

**5 years of enrollment data** (a) By school/program; (b) By academic level; (c) By classification; (d) By gender; (e) On-Campus (Institutional data requested/approved by CAU); and (f) Off-Campus (Institutional data requested/approved by CAU)

**5 years of retention/persistence data** (a) By school/program; (b) By academic level; (c) By classification; (d) By gender; (e) On-Campus (Institutional data requested/approved by CAU); and (f) Off-Campus (Institutional data requested/approved by CAU)

**Intended Outcome** I want to see if I can predict the number beds needed if enrollment continually increased over a five year time period.

**Intended Deliverables** PowperPoint Presentation that will show the trend analysis used to conduct predictive analytics