Learning Analytics and Adaptive Learning at UCF

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Prototype Student Behaviors In Adaptive Learning

The hare begins immediately and completes the course in a very short period of time which can be seen as a number of quick hops.
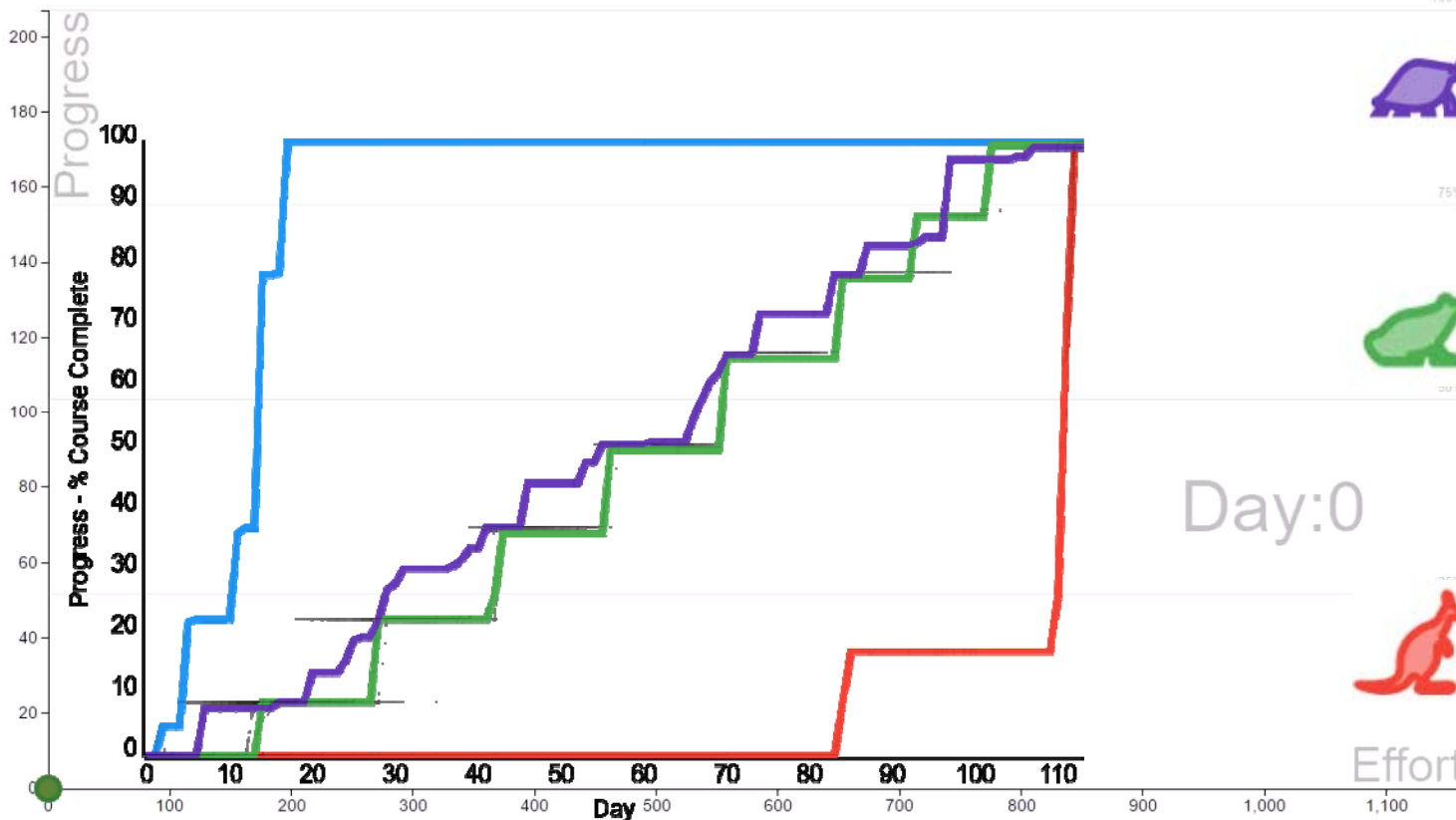
The tortoise makes slow and steady progress by completing work most days. Tortoises don't hop!

The frog makes consistent progress by logging in once a week and completing a set block of work resulting in series of small hops.

The kangaroo leaves everything to the last minute and then completes the course in a few long hops.

UCF Analytics Initiatives Targeting Student Success
(Draft Model)

Institutional Analytics **Completion Analytics (degree, major, retention)** **Learning Analytics (course, practice)**

Information Knowledge Management

- Dashboards
- Planning
- Challenge 2020
- Performance funding
- Preeminence
- State and SACSCOC reporting
- Predictive Analytics Fellows

Teaching & Learning

- Pegasus Path
- Degree Audit
- Predictive Analytics Fellows (FCTL)

Student Dev. and Enrollment Services

- My Knight Star (EAB Student Success Collaborative)
- New advising model

Division of Digital Learning

- Webcourses@UCF (Canvas/LMS)
- Panopto
- Adaptive systems
- Performance Dashboard (Students)
- Performance Insights (Faculty)

Center for Higher Education Innovation

- Predictive Analytics Fellows Program

UCF IT [PeopleSoft, Azure, AWS, CFEED, etc.]

Faculty and Students

Philosophy of ethical use of student data

UCF