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CourseKata Curriculum Data



- Page_views
- Responses
- Media_views
- Items
- Checkpoints_pulse
- Checkpoints_eoc

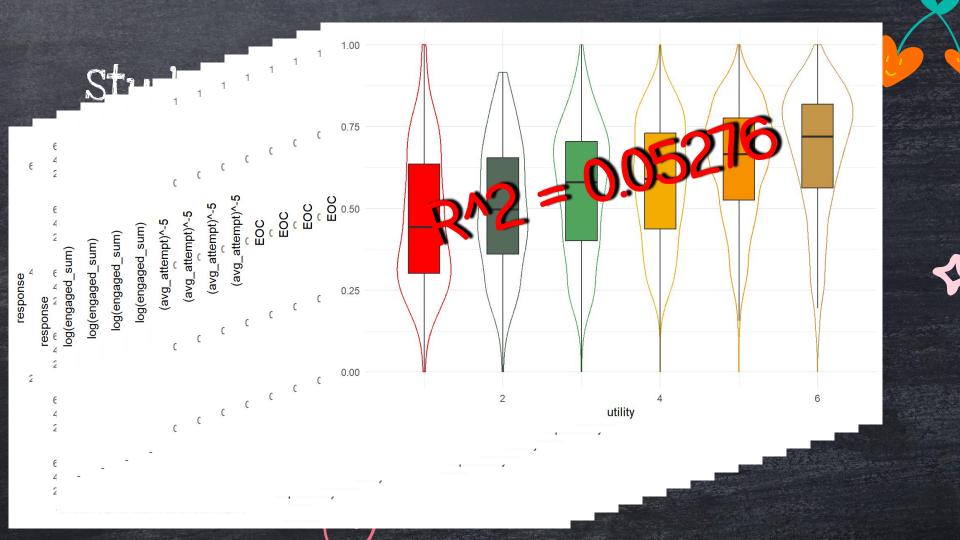




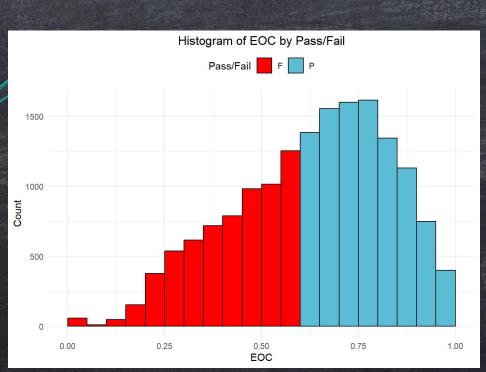
Initial Exploratory Goals

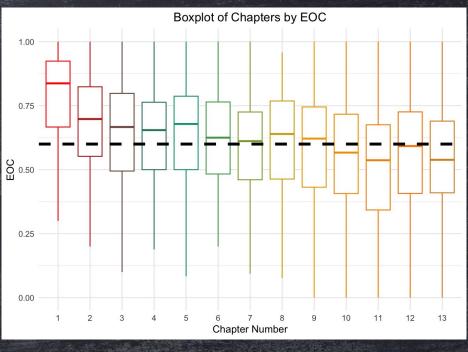
- Identify differences among student attitudes
- Understand what caused these difference in student attitudes
- Identify if student attitudes affected student performance





EOC of College Book ABC

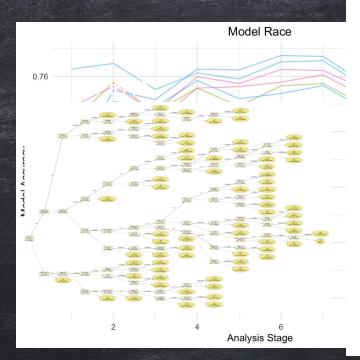


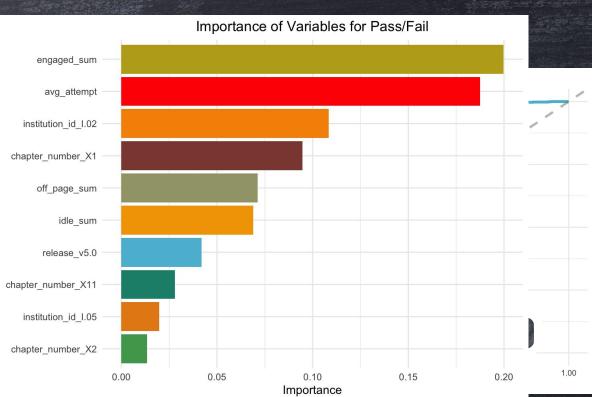




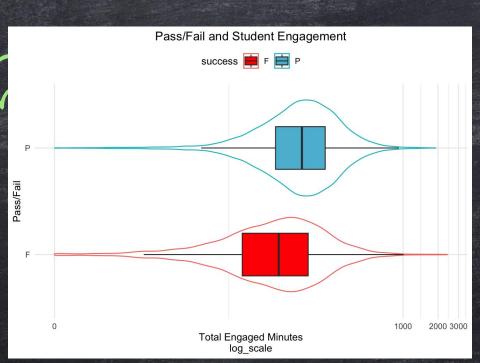
Gradient Boosted Classification Tree

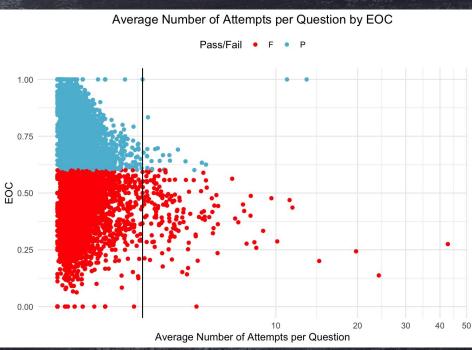
(XGBoost)





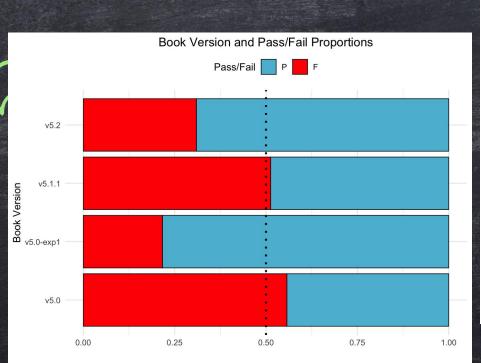
Student Controlled Variables

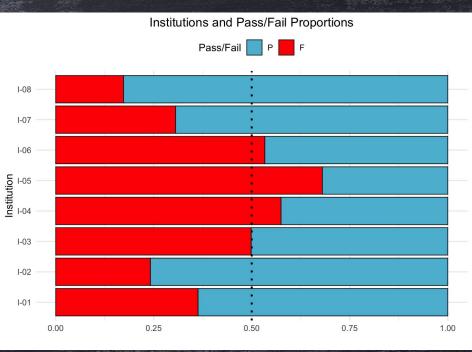






Environmental Variables







Next Steps

- Remove or rework the subjective "pulse" questions
- Have early warning systems for potentially failing students
- Looking into different textbooks
- Investigating discrepancies amongst institutions



Free Response Word Cloud

