

DATARES CONSULTING

UCLA ATHLETICS

INTRODUCTIONS

ANALYTICS IN SPORTS



INJURY PREVENTION



STRENGTH AND
CONDITIONING



GAMETIME STRATEGY

MAJOR QUESTIONS

Accessibility

- Sports analytics are a new and developing field
 - How can we build technology and analyses that are easily understandable for coaches to use?
- Power to the athlete
 - How can we create transparency in the training process?

Injury Prevention

- The quantification of risk and fatigue
 - How can we create metrics that can identify and predict injury?
- Workout scheduling
 - How can we use data to help coaches plan out workouts?

OUR TEAMS

BASKETBALL

BASEBALL

SOCCER

GYMNASTICS

SOFTBALL

WATER POLO

VOLLEYBALL

TENNIS

SWIM

ROADMAP



Establish a data pipeline to connect various applications used by UCLA Athletics

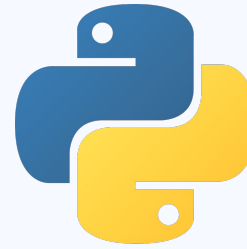
Clean faulty athlete survey/exercise data

Investigate athlete datasets to find trends and performance indicators

Visualize findings on interactive dashboards for coaches

Begin work with sport-specific analyses.

OUR TECHNOLOGIES



WHAT'S NEW THIS QUARTER

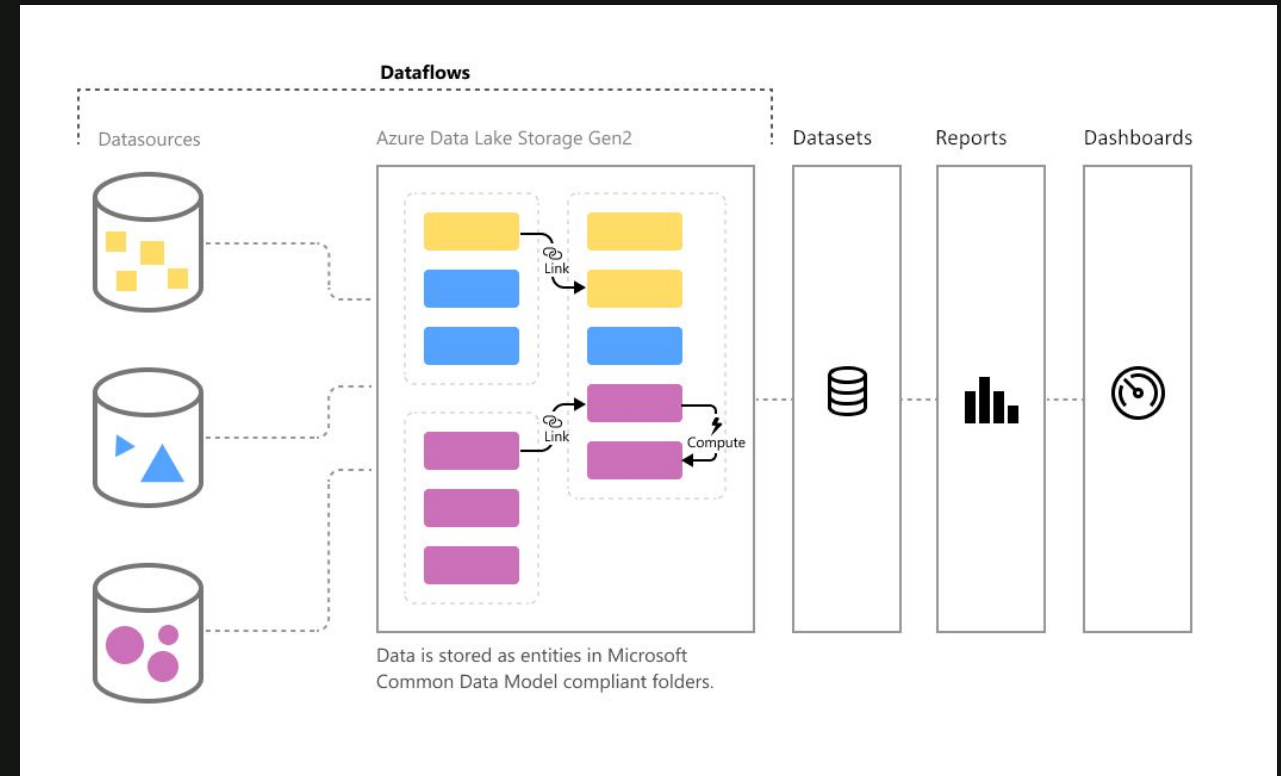
Since sports teams have different season timelines, there will be less rigid structure on which individual sports teams the members belong to. Instead, we establish teams for functionality and tasks:

- Sports Science (Rotational)
- Back End / Data Pipeline
- Analytics
- Dashboard / Visualizations

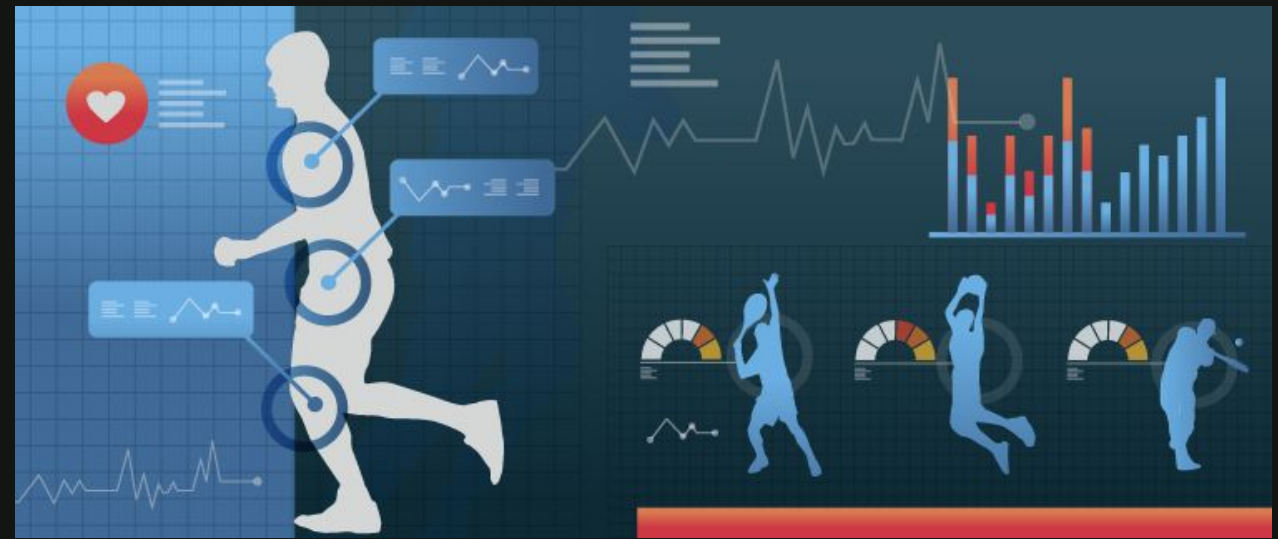
SPORTS SCIENCE



BACK END (DATA PIPELINE)



DATA ANALYTICS



DASHBOARD & VISUALIZATIONS

