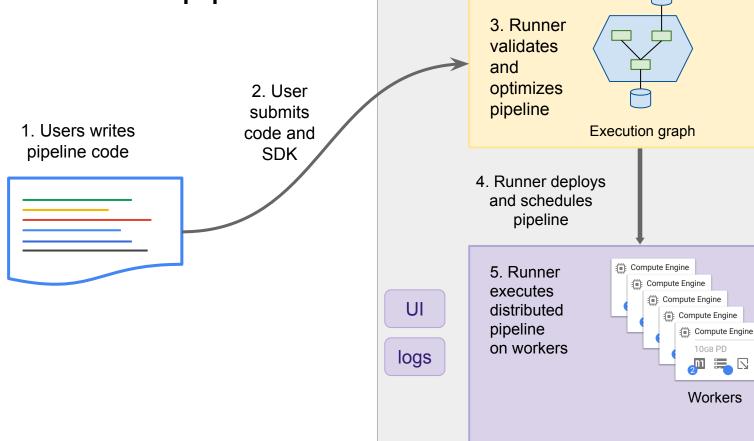
CS 327E Class 11

May 7, 2021

Beam Concepts

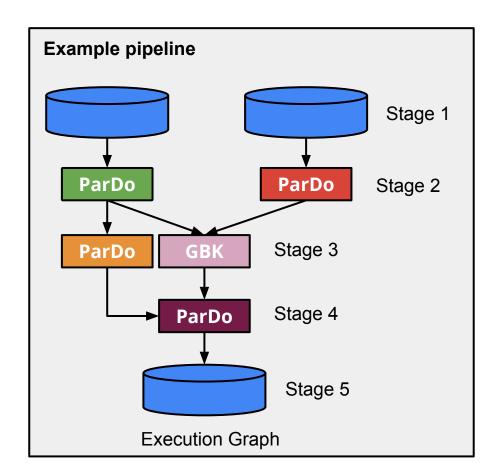
- SDK: the library that lets the user author a Beam pipeline
- Runner: the engine that executes the Beam pipeline

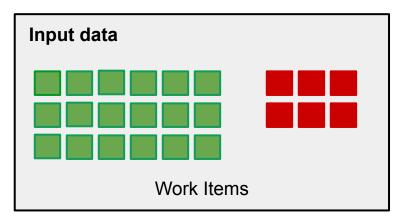
Life of a Beam pipeline



Dataflow Service

Under the hood







Code samples

- Clone <u>snippets</u> repo
- Step through <u>instructor_dataflow.py</u>, <u>student_dataflow.py</u>, and <u>class_dataflow.py</u>
- Run code from <u>beam_college.ipynb</u>

Last but not least...

- Milestone 4
- Final Presentation

Looking forward

- Find your focus: Data Engineering versus Data Science
- Continue your learning
- Work on side projects
- Get certified
- Don't let obstacles slow you down
- Say yes to things that come up
- Be collaborative
- Be open to ideas and arguments
- Don't be afraid to go your own way

Thank you! (it's up to you now)