

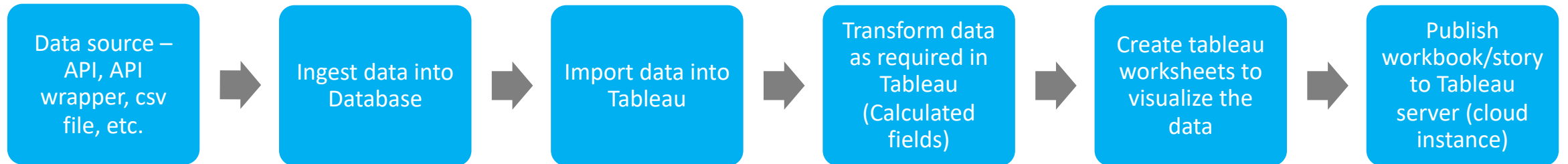
Designing a Data pipeline for visualization

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STATW5702 – EDAV Fall 2020 CC

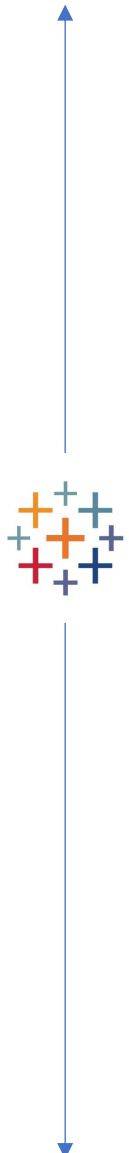
11/18/2020

Current Pipeline - Tableau



Current Pipeline - Tableau

Advantages



Various data sources supported

Create visualizations using Drag-and-drop tools

Neat and interactive visualizations

Customer support

Challenges

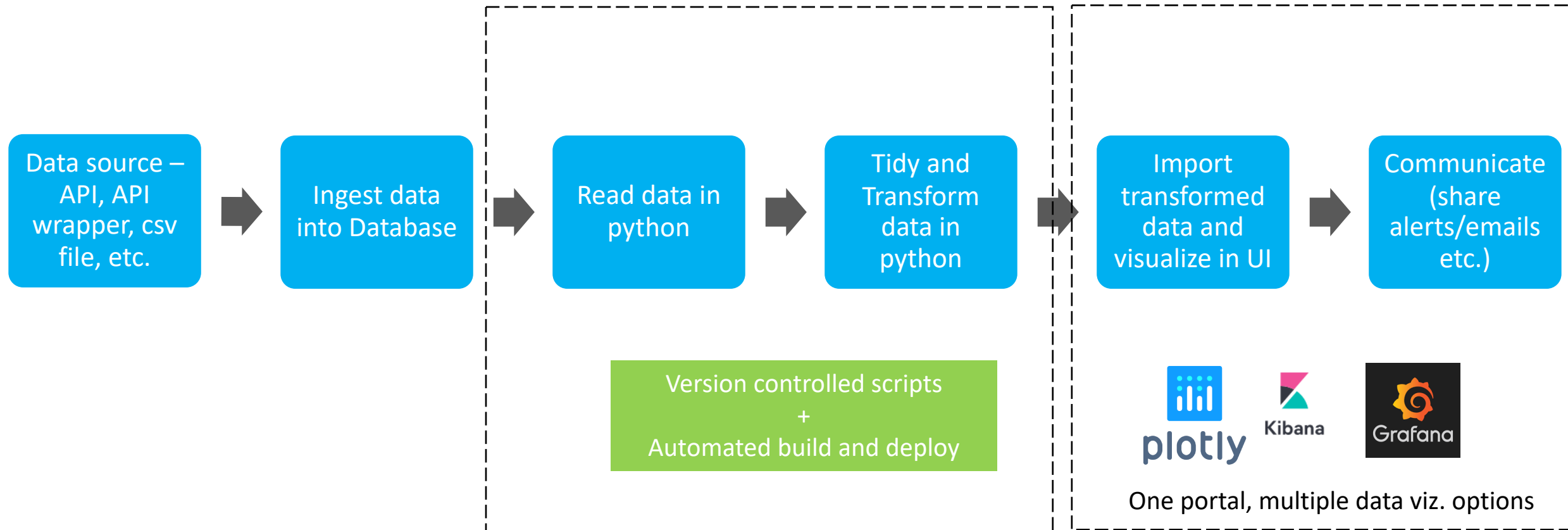
Version control and collaboration not easy

Bulk user access might become costly

Some data transformations might not be supported

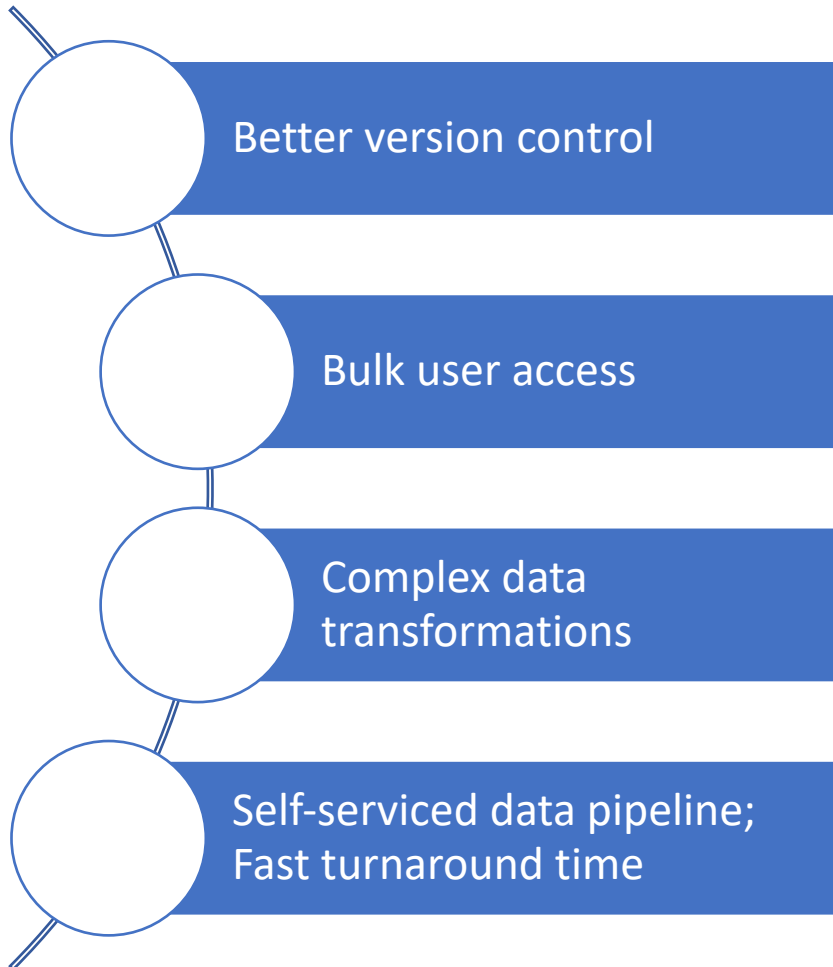
Slow turnaround time (specific to our context)

Future pipeline – Python + UI of choice

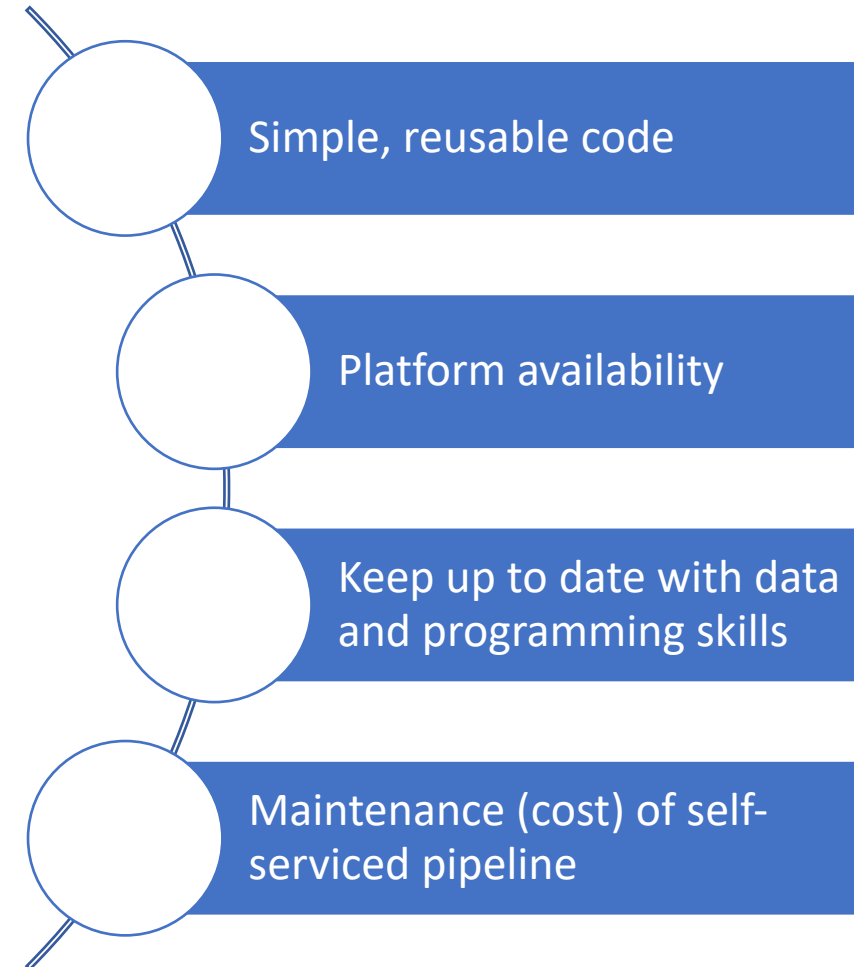


Future pipeline – Python + UI of choice

Challenges we hope to fix



Lookahead opportunities



Key Takeaways for designing a data pipeline

