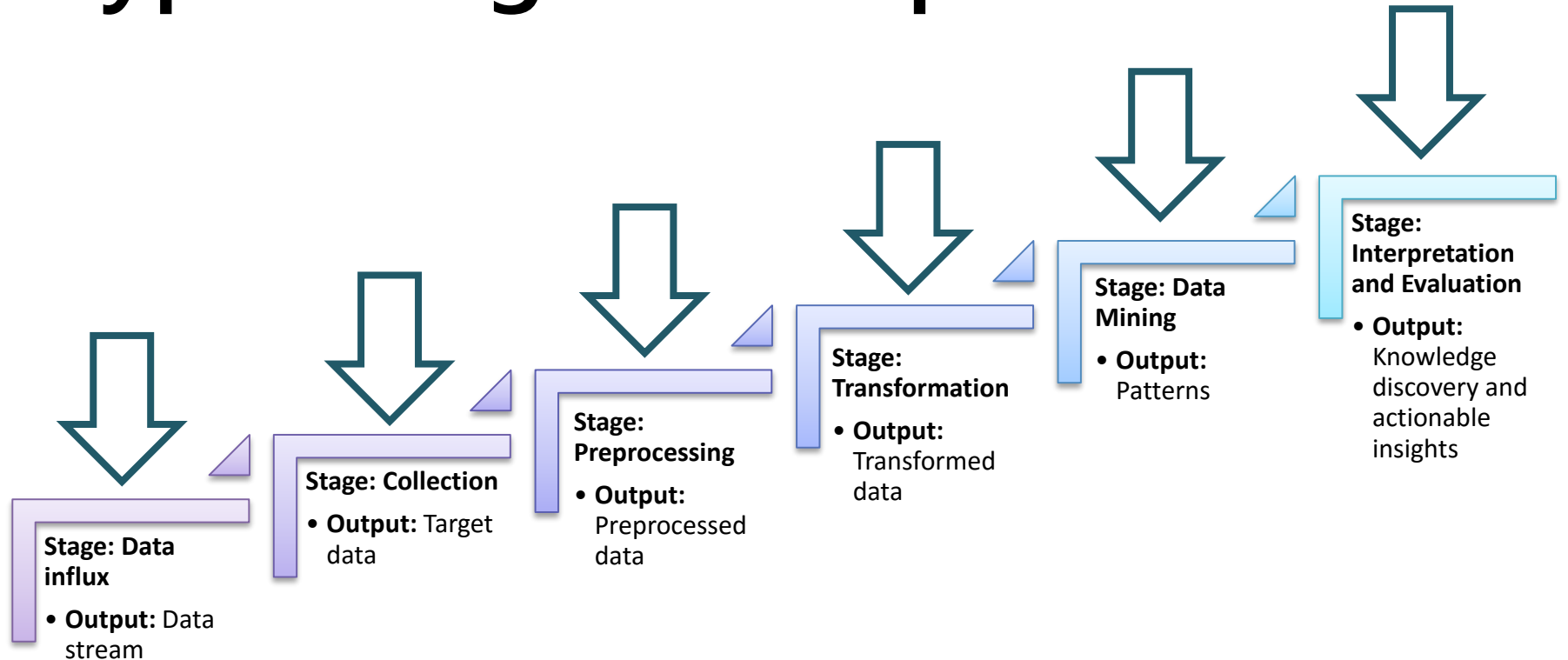


Data Science and Data Engineering Bootcamp

Curriculum Overview

Typical Big Data Pipeline



Data Mining Tasks

■ Descriptive Methods:

- Find human-interpretable patterns that describe the data
- Techniques: Clustering, Association Analysis, x-point summaries

■ Predictive Methods:

- Use available data to build models that can predict the outcome of future data
- Techniques: Classification, Regression, Anomaly, and Deviation Detection

■ Prescriptive Methods:

- Predict future outcomes and suggest actions that may prevent or mitigate the impact of the predicted outcomes
- Techniques: Various optimization techniques

End of Sample Slides

3 of 46 slides in presentation