In this module, you will:

* Recognize challenges of achieving governance in an organization
* Describe how AI FactSheets can facilitate governance

To be successful in this module, prior knowledge is recommended in:

* Module 1: Need for Trustworthy AI
* Data Science / Machine Learning Workflow
* Evaluation metrics

This link opens the Mortgage Evaluator Governance FactSheet. This FactSheet was created to demonstrate how development and deployment facts of a mortgage evaluation model can be recorded and viewed.

Click <https://aifs360.mybluemix.net/examples/hmda> link to open resource.

#### AI FactSheets - Website

The following link provides an overview of the FactSheet project, a research effort to foster trust in AI by increasing transparency and enabling governance.

* IBM AI FactSheets - <https://aifs360.mybluemix.net/>

#### AI Governance: Driving Compliance, Efficiency, and Outcomes

AI Governance: Driving Compliance, Efficiency, and Outcomes with Michael Hind and Zain Nasrullah. This joint keynote was presented at the Chief Data & Analytics Officers Financial Services Live conference on March 3, 2021.

* Link to YouTube video (28min 10sec) - <https://www.youtube.com/watch?v=o8W5Z867hBQ>

Provided below is a summary of the entire module. For your convenience, below you will see a heading that matches the content topics that were covered in this module, followed by a bulleted list of key concepts covered.

**1**. AI Governance is the ability to to understand and gain control over the AI development activities throughout the AI lifecycle.

**2.** FactSheets enables AI Governance by centralizing the collection of Facts across a lifecyle into a single location and making them available to roles across the AI development lifecycle. By doing so, it allows of organizations to

* Capture AI lifecycle facts, enabling greater visibility and enabling opportunities for automated documentation
* Perform analysis of these facts to improve business outcomes, increase overall efficiency, and learn best practices
* Facilitate communication and collaboration among the diverse lifecycle roles and other stakeholders
* Specify enterprise policies to be enforced during the AI development lifecycle

**3.** By aggregating Facts across the lifecycle, organizations get a view of their development processes that they’ve never had available to them, and thus can now govern processes that were deemed too difficult to govern before.