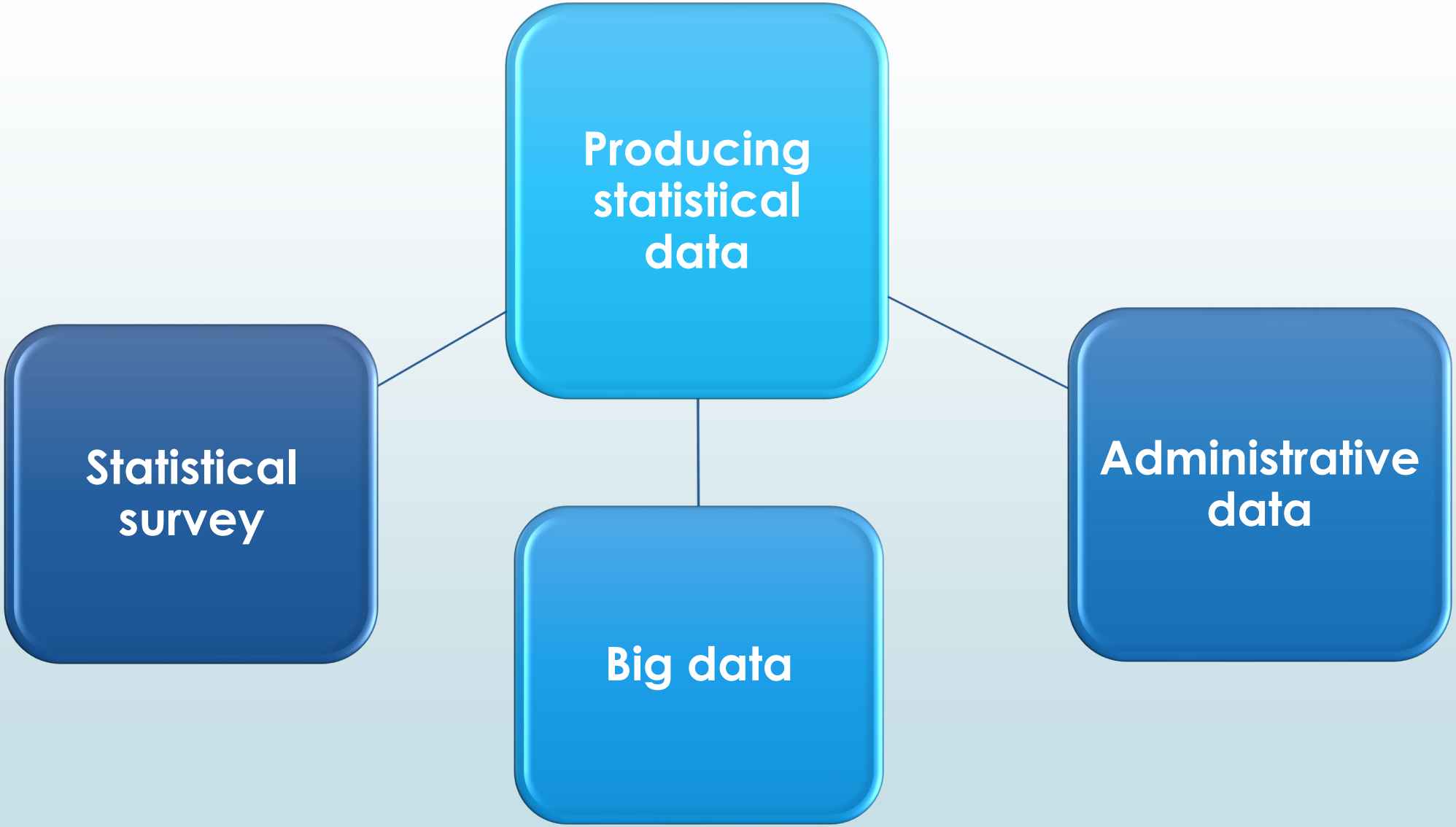
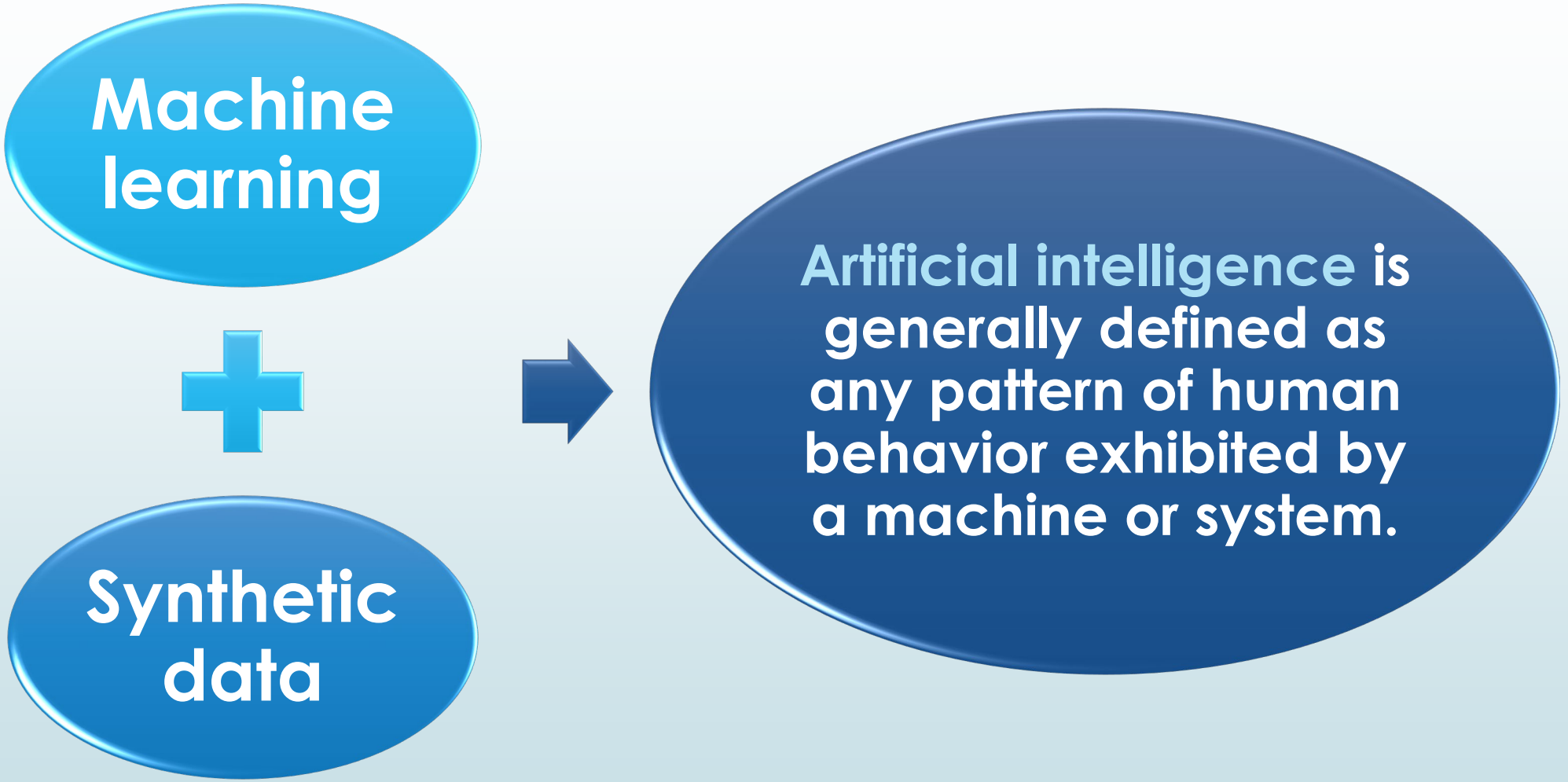
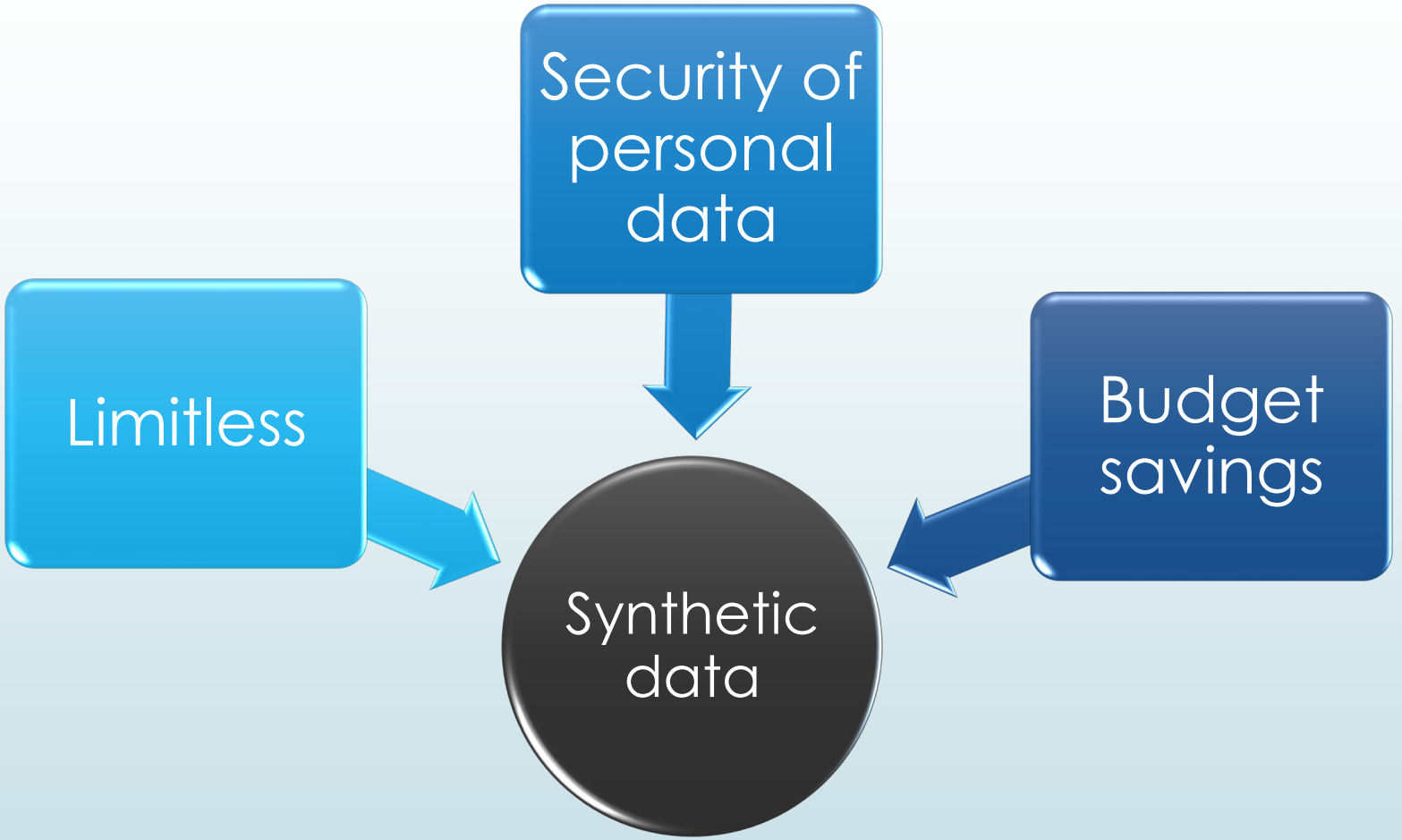
Emerging legal issues around AI, synthetic data, machine learning

The State Statistical Committee of the Republic of Azerbaijan

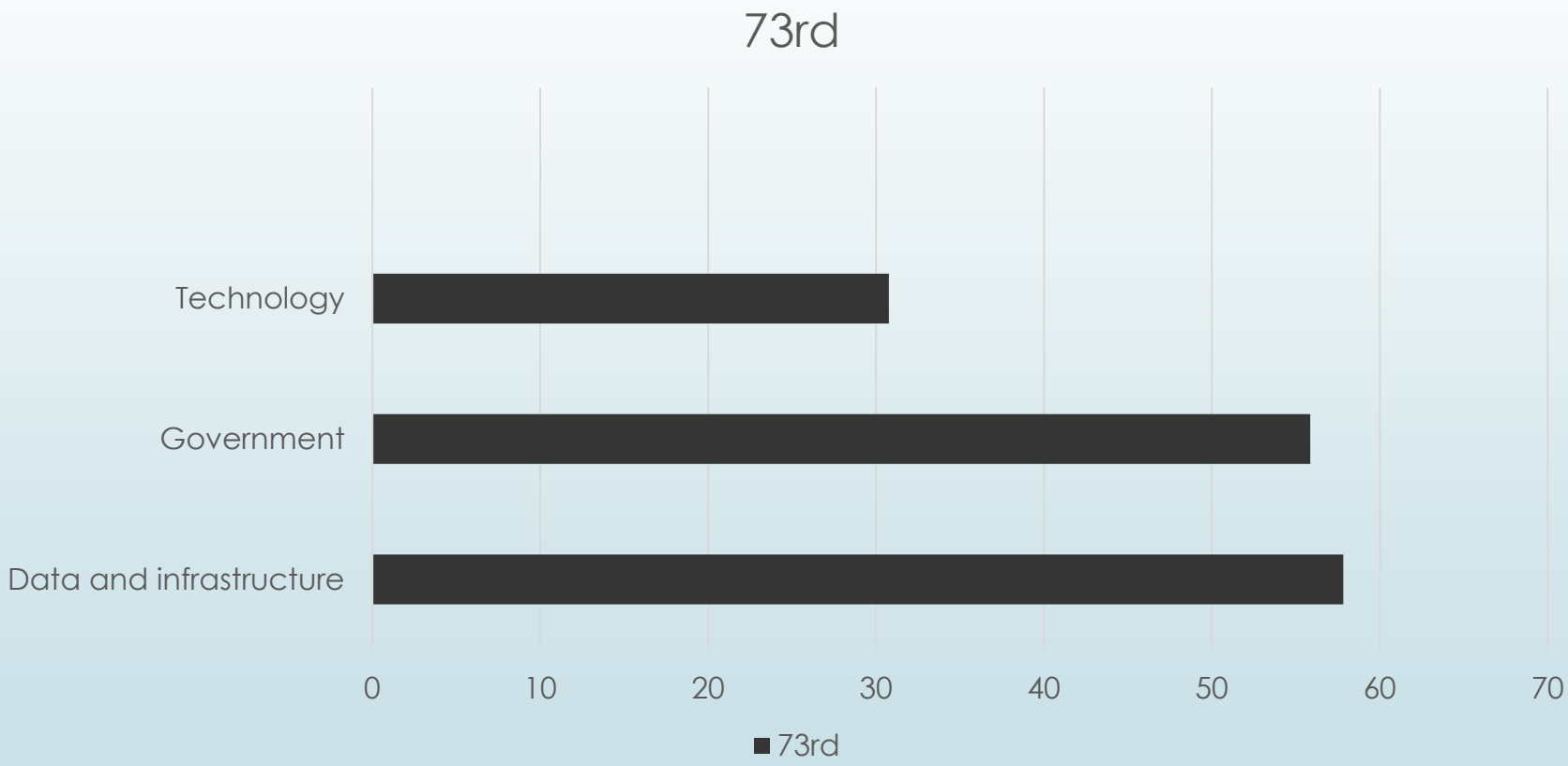

Producing statistical data
Statistical survey
Big data
Administrative data


Machine learning
+
Synthetic data
Artificial intelligence is generally defined as any pattern of human behavior exhibited by a machine or system.


Security of personal data
Limitless
Budget savings
Synthetic data

Issues in the field of application of artificial intelligence in the Republic of Azerbaijan
The absence of a legislative framework
The inconsistent usage of terminology
Lack of digital literacy
The total elimination of documentation procedures in paper carriers
The population's low recognition of electronic services
The inadequate teaching of digital knowledge and skills in educational institutions
The unsatisfactory access to financial resources

Government AI Readiness Index of Azerbaijan 2023 from Oxford İnsights



Electronic Security Center (ESC) provides coordination of the activity of the entities of information infrastructure, awareness about existing and potential electronic threats at a country level, education of population, private and other institutions in the field of cyber security and also providing them with methodological assistance.

Electronic Services Register offers all of the state bodies' services through a single interface, which includes links to their websites, contact details, and other relevant information.

«The Strategy of The Republic of Azerbaijan on Information Security and Cybersecurity for 2023-2027» enhance the institutional and regulatory framework, foster a culture of cyber and information security, foster domestic and international collaboration, recognize risks and manage them, by the end of 2027.

Envisioning smart cities and villages

- Smart traffic lights will analyze the traffic situation and the movement of cars and received independently selects the mode of operation based on the data.
- Smart technologies will help to take action according to the road conditions. For example, if the roads are covered with ice during snowy weather, the ice will melt through the heating systems installed on the roads and safety will be ensured.
- Smart parking will help the drivers to find free and empty spaces.
- People will be able to save time through online queuing and payment in many areas.
- Smart cameras will be able to accurately identify objects regardless of weather conditions, and security measures will be brought to the highest level.
- Smart cities have solar-powered smart trash bins that signal when they're getting full. That might not seem like a big deal, but smart trash bins save cities millions of dollars annually by reducing the costs of collecting garbage.

Three primary characteristics of soft law
➢ It is nonmandatory
➢ It does not require going through internal processes
➢ Provides a flexible and appropriate environment for achieving international consensus.

The following categories apply to how soft law affects contract law according to Shelton
➢ taking the first steps in the process of concluding contracts
➢ filling gaps in existing contracts
➢ strengthening existing provisions

Thank you for your attention.

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