

Artificial Intelligence Applications in Food Safety and Authenticity (2025)

Summary

The FSA asked Science Council to explore the likely applications of AI in food safety and assurance; identify the benefits and risks and consider implications for the FSA's role as a regulator. The study drew on academic and policy evidence with key insights from a June 2025 workshop attended by food businesses, regulators, assurance providers, academics and technology developers.

Terms of reference

Terms of Reference (March 2025): [Terms of Reference and Workshop for AI in Food Production Project](#)

Members

All [Council members](#) contributed to the project.

Meetings

Project progress was discussed at closed meetings of the Science Council.

Status

Completed.

Report

Artificial Intelligence Applications in Food Safety and Authenticity: [Science Council Report of Project 'Artificial Intelligence Applications in Food Safety and Authenticity'](#)

Associated documents

None.

Authors

This report was prepared and reviewed by the members of the Science Council, with special thanks to the external experts that contributed to this review.

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