

Project Phase 2

Cloud Dashboard Development

Nutritional Insights Dashboard
Azure Cloud Implementation

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Course: ITSC320 - Software Security / Operating Systems

Institution: Southern Alberta Institute of Technology

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Executive Summary

This project represents the Phase 2 implementation of a cloud-native nutritional insights dashboard. Building upon Phase 1's local development and testing, Phase 2 transitions the solution to Microsoft Azure's cloud infrastructure. The system analyzes a comprehensive dataset of 7,806 recipes across five diet types (Paleo, Keto, Vegan, Mediterranean, and DASH), providing interactive visualizations and data insights through a modern web interface.