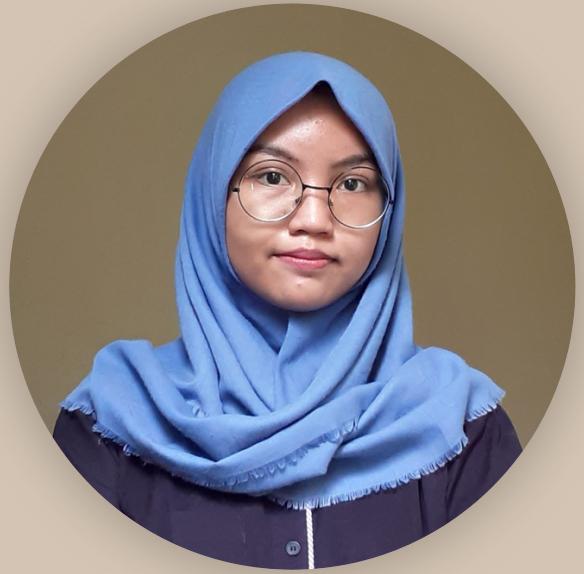


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Audynalia Kogitans





**Audynalia
Kogitans**

Machine Learning Engineer

Hello...

My name is Audy. I graduated from Biotechnology study program, Faculty of Agricultural Engineering, University of Brawijaya. I have expertise in Machine Learning field such as data annotation, model building and deployment to applications

Education

- **SMA N 1 Maos**

2017 -2019

High school in Mathematics and Natural Sciences (MIPA) major through an acceleration class program with a two-year study period

- **University of Brawijaya**

2019 - 2024

Studied in the Biotechnology study program.

Doing research with title:
“Implementation Deep Learning using YOLOv8 Instance Segmentation for Automatic Counting and Identification of Bacterial and Microalgae”

Skill

Image Annotator

Annotating image for object detection and segmentation purpose model

Machine Learning Engineer

Making machine learning and deep learning model for projects

Devices



Laptop



Annotating tools



Google Colab

These three are the main tools in my experience working on projects related to annotation and model building. I am also familiar with Python programming languages, PyTorch and Tensorflow library.

Working Experience

I have experience as a mentor
and facilitator

2023

**Machine Learning Mentor
at Bangkit Academy by
Google, GoTo & Traveloka**

2022

**Data Analytics Facilitator
by Baparekraf Digital
Talent**

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**Machine Learning Mentor at
Bangkit Academy by Google,
GoTo & Traveloka**

Lead and assist 25 students during Bangkit Program, assist ILT session to providing instructor needs, and holding weekly consultation sessions so that a comfortable place can be created for discussion, sharing and playing together



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Data Analytics Facilitator by
Baparekraf Digital Talent

Allocating time to help participants
by answering questions in the
Discord group forum for class-by-
class discussion during the learning
period begins in relation to
Coursera's Data Analytics Course



Project Experience

I have experience with machine learning, especially on object detection, segmentation and classification in the following three projects.

2023

Implementation YOLOv8 Instance Segmentation for Automatic Counting and Identification of Multispecies Bacterial Colony

2023

Designing a Multi-species Microalga Concentration Detection System Based on Microscope Image and Deep Learning

2022

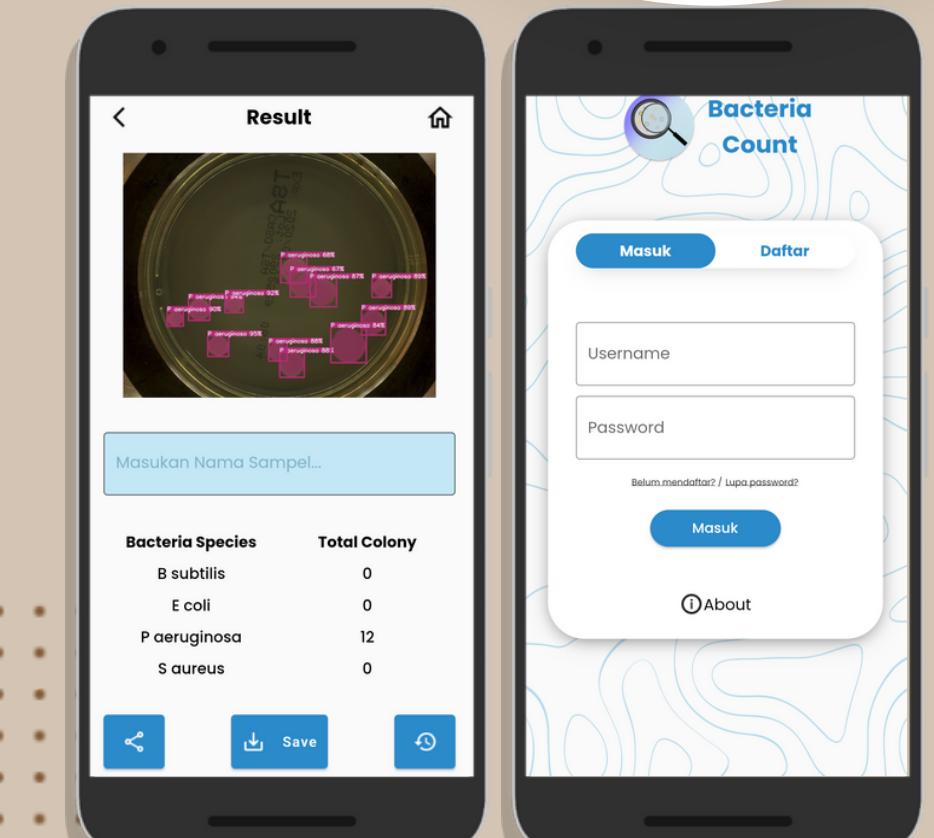
KulinerIN, automatic Indonesian food detection application using image object detection

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Implementation YOLOv8 Instance Segmentation for Automatic Counting and Identification of Multispecies Bacterial Colony

Output of this project:

- Conference Presenter
- Exhibition
- Model and Android App

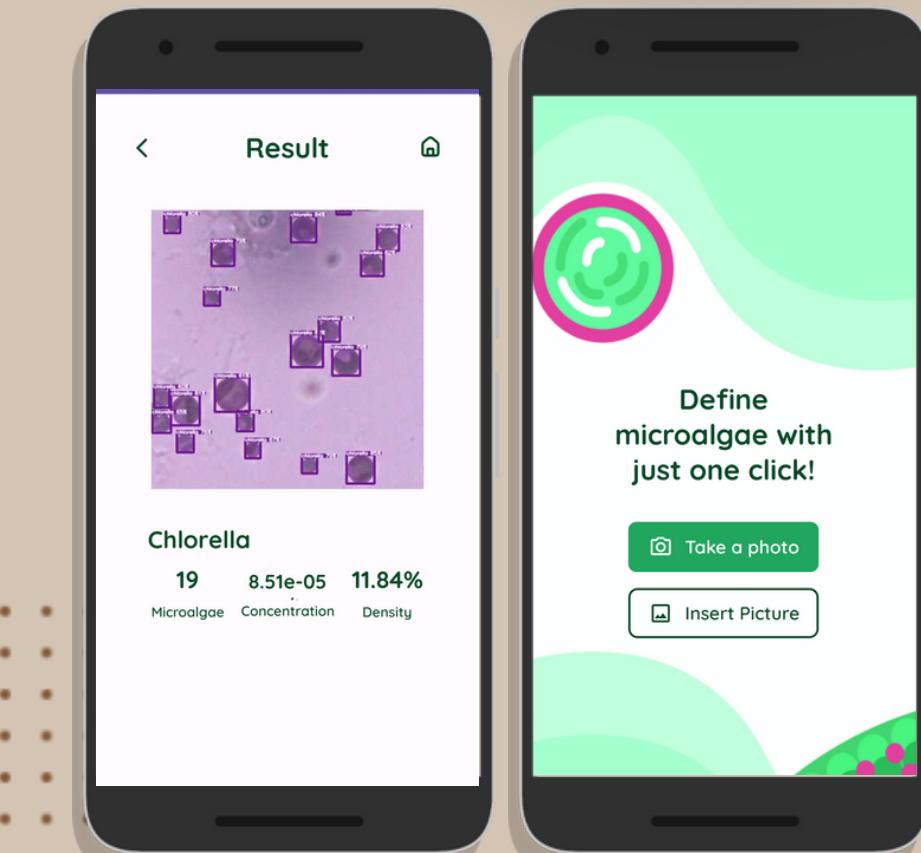


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Designing a Multi-species Microalga Concentration Detection System Based on Microscope Image and Deep Learning

Output of this project:

- Gold Medal on National Student Science Week (PIMNAS 36)
- Exhibition
- Model and Android App

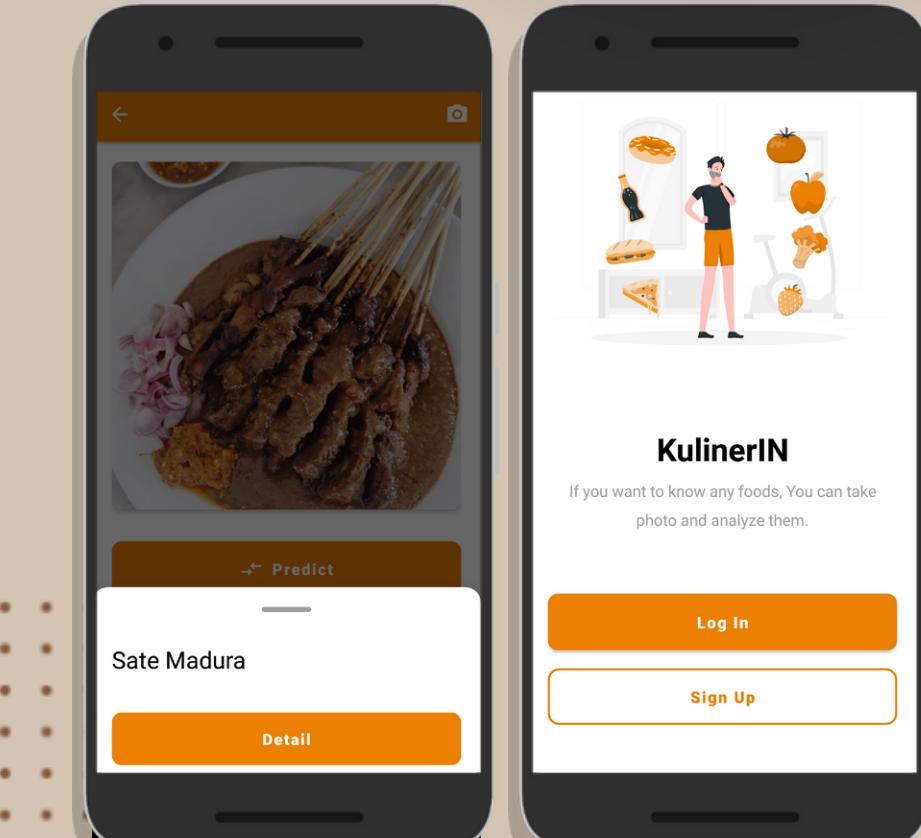


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KulinerIN, automatic Indonesian food detection application using image object detection

Output of this project:

- Bangkit Academy 2022 Product Based Capstone Project
- Model and Android App

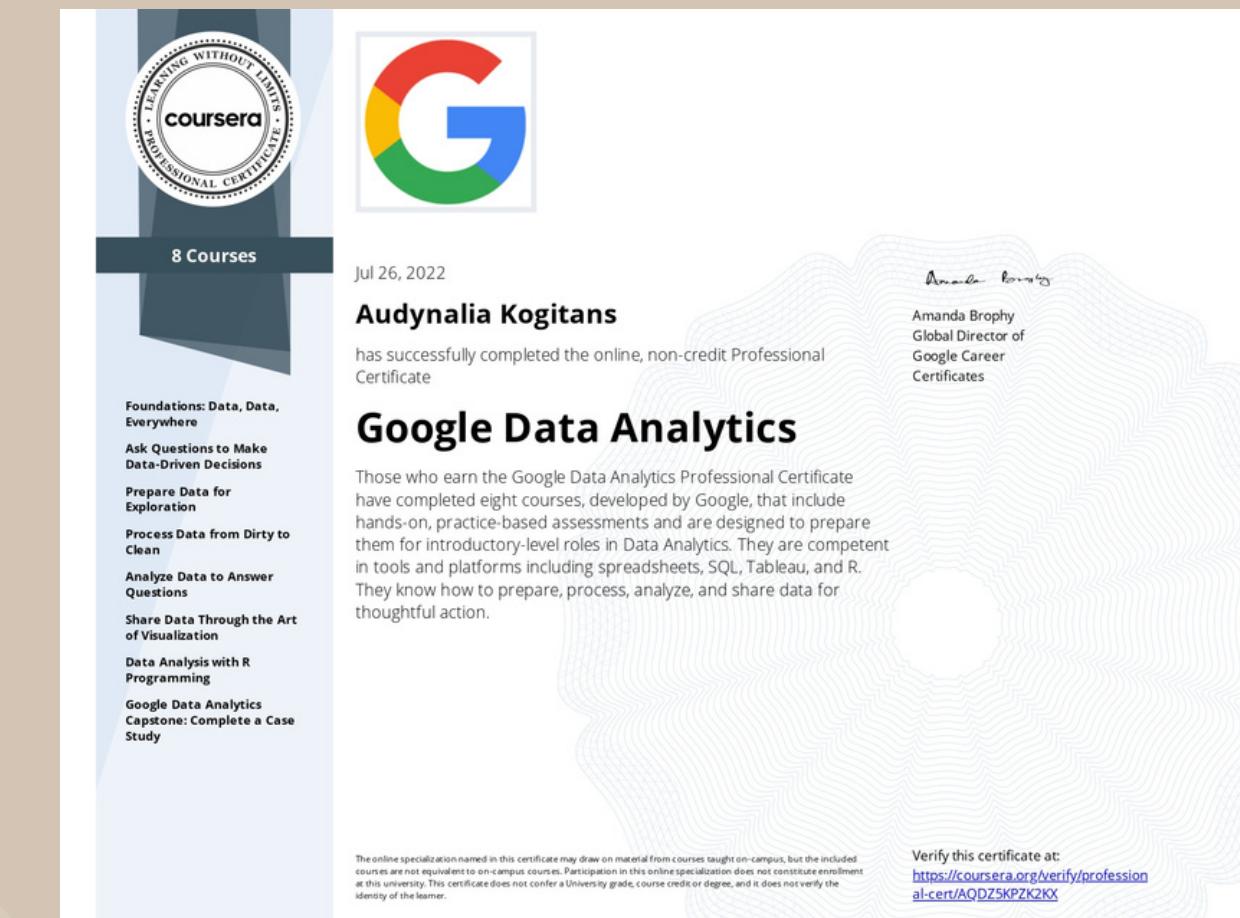


Certification

Tensorflow Developer Certificate



Google Data Analytics Certification



Contact

That's my portfolio. If you want to cooperate with me, you can contact me via:

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audynalia48@gmail.com

[https://www.linkedin.com/in/
audynalia-kogitans/](https://www.linkedin.com/in/audynalia-kogitans/)

<https://github.com/audynalia>