



# IDP (3-6 months) ML Recommendation System for Gastronomy

## WE ARE FIGHTING FOOD WASTE

Mitakus analytics is developing a **SaaS that helps chefs** & owners of canteens, restaurants and other gastronomy businesses with actionable analytics and insights. Our mission is to help gastronomes **reduce food waste** and become more profitable and sustainable, by providing precise **demand predictions and menu recommendations**.

## YOUR RESPONSIBILITIES

- Develop and **concept a neuronal network** to apply **machine & deep learning** for a **recommendation system**
- Extraction of frequent itemsets from sales data using Apriori algorithms
- Association rules mining
- Building interactive evaluation metrics for the recommender

## YOUR PROFILE

- Studies in statistics, mathematics, computer science, physics, econometrics, data science or related fields
- Good knowledge in **Python**
- First experience in building **AWS** components such as Sagemaker and Lambda is a plus
- Excellent communication and organisational skills
- Motivated and hands-on mentality
- Strong communication skills in English

## WHY JOIN US?

- Work on a topic that matters! Contribute to help gastronomes be more efficient and **help reduce food waste** in gastronomy and the supply-chain
- **Innovative technologies** on a modern tech stack (AWS, React, ...)
- Become part of an **inclusive, non-hierarchical team**
- Work alongside like-minded people and benefit from extensive coaching
- **Flexible working hours** and conditions **tailored to your possibilities**

The project will be supervised by the TUM Entrepreneurship Research Institute, Professorship "Entrepreneurial Behavior", Prof. Breugst. Besides the project work, you will take lectures like: "Entrepreneurship" and "Technology and Innovation Management: Introduction"

Sounds exciting? Shoot us an e-mail with your CV or LinkedIn to Roman:  
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