

MUKTI R. CHAPAGAIN

Sustainability Data Scientist

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RESUME

I have Food-related education from Denmark with focusing on Science, Technology, and Society. I have learned and developed skills to solve Food and Nutritional challenges and link to health, experience, sustainability, and green transition. I am also eager to work with big datasets and analytics to get useful insights from data such as; understanding consumer behavior from consumer purchase data or exploring open-source research data. My skills can be useful for getting insight from data, developing innovative products and services, coordinating digitalization projects as well as being part of the bigger project within the field of Food, Nutrition, and Health. I am also open to relevant new challenges in Bio/life science.

Professional Competencies:

- ☒ **Management of Product, Service and Technology**
- ☒ **Management of Sustainability and green transition**
- ☒ **Data Management: Gathering, Manipulation, & Visualization**
- ☒ **Research, Analytics & Insight from data**

WORK EXPERIENCE

Project coordinator at Young Mind FoodLab

2019 – 2021

- Use of design and computational thinking to develop Food, Nutrition, and sustainability educational tools for young people.
- Developed and coordinated summer course: Food, Places, & Innovation.
- Concept development for project fundraising together with international partners.
- Conduct the research within Food, Society, and Technology for food innovation

Research Assistant at Aalborg University In Copenhagen

2017 - 2018

- Contributed in writing research projects on digital transformation within food, nutrition & health area.
- Coordinate with small food start-ups and researcher to understand the possible business model for data sharing in the food supply chain.
- Coordination for courses and events within FoodTech area.

Project Assistant at Copenhagen Business School (CBS)

2016 - 2016

- To “promote healthier eating behaviour for families” as a part of EU project
- I did survey and interview with families to understand their food purchase and consumption pattern
- To develop Social Marketing policy tools to promote healthier eating behaviour

Coordinator, Sustainable Citizen Festival

2014 - 2014

- Coordinate interest organization within food area for food sustainability events

Nutrition Assistant (part-time), Hotel Scandic Copenhagen

2008 - 2015

- Ad-hoc activities for breakfast department

EDUCATION

Master of Science in Technology – Integrated Food Studies, Aalborg University, DK 2012 - 2014

- **Food innovation:** Food related policy and Network analysis (Food sociology)
- **Health & Nutrition:** Planning and management of projects (Public Health)
- **Design & gastronomy:** Food Concept Design (Design Thinking)

Thesis title: Local and alternative Food supply chain

Bachelor in Business Economics – Denmark

2006 - 2011

- Competitors analysis and market research
- Innovative Business Model and Business plan
- Sales and Marketing strategies

Project title: Market development for protein rich ice-cream in Japanese market

COURSES, PARTICIPATION & CERTIFICATION

E-Learning: Big Data Analytics and Data Science with SQL and Python

2020 - 2022

- **Data gathering:** Web-Scarping, API connection, Database-integration ★ ★ ★ ★ ★
- **Data manipulation:** RegEx, Cleaning, Feature selection, Visualization ★ ★ ★ ★ ★
- **Data analytics:** Statistics modelling, Machine learning, Tableau ★ ★ ★ ★ ☆
- **Database:** MySQL, MangoDB ★ ★ ★ ☆ ☆
- **App-Development:** Flask and Django ★ ★ ★ ☆ ☆

I have been working with Consumer Food Purchase data, Food Climate, data and publicly open-source big datasets within food-nutrition-health.

Sustainable Business Models, Events by Oikos academy & Danish Business Authority

Feb-Apr 2015

- Sustainability thinking to design and implement Business Models

LANGUAGES

- **Danish** 
- **English** 
- **Nepalese/Hindi (mother tongue)** 

PRO-BONO ACTIVITIES

- I contribute as freelance to community based organizations that collect and distribute surplus to reduce Food-Waste such as; **FødevareBanken, WEFOOD, Københavns, Fødevarefællesskab (KBHFF) and MADBOKS.**
- It helps me to learned relevance of logistic, food supply chain and challenges of retail food waste.

PERSONAL PROFILE

I spend my free time on reading books, watching documentaries and exploring new technological changes. I follow new changes in food area for example; use of AI for vertical farming or consumer recommendation app. I mainly watch documentaries about food, society and technology including Netflix series! I love to cook food and combine different ingredient to create new taste. Also, I play badminton in the weekends to keep in shape and stay healthy.

My key personal competencies:

- ☒ **Creative-Thinking** 
- ☒ **Structured** 
- ☒ **Detail-Oriented** 
- ☒ **Analytical** 