



TRAINING AGREEMENT
DATA SCIENCE CODING BOOTCAMP

Between the undersigned:

1.) **The company Kodama G.K.**, franchisee of Le Wagon Ltd, with a registered office address of 2-11-3 Meguro, Meguro-ku, Tokyo, Japan, represented by its Directors, Mr Sylvain PIERRE and Douglas BERKLEY.

2.) the trainee, identified as follows:

First name and last name: Taejoon Park

Address: Republic of Korea, Seoul, Gangseo Gu Gangseo Hillstate 105-604

Phone: +821077135656

Email: tjp1992@gmail.com

Article 1 : Purpose

For the purpose of this contract, the professional training organization undertakes to organize the professional training courses entitled: "Data Science Program" (hereafter, the 'training').

Article 2: Nature and characteristics of the training

The training's purpose is to provide fundamental knowledge in Data Science.

The training will take place from 10/01/2022 to 11/03/2022 full time from Monday to Friday inclusive, for a total of 45 business days. The learning progression covers 9 weeks full time (5 days a week, 8h/day, from 9am to 1pm and from 2pm to 6:00pm) **a total of over 360 hours.**

A 5-day Career Week is scheduled to take place at the end of the program, from December 6th to December 10th, 2021.

At the end of the training, a training certificate will be issued to the student.

Article 3: Training program

The learning progression covers 9 weeks full time (5 days a week, 8h/day, from 9am to 1pm and from 2pm to 6:30pm).

The content of the training is detailed in the below section.

As Le Wagon regularly updates its curriculum to ensure the most up-to-date training is provided, some specific items may differ between this contract and the final training delivered.

Week 1 & 2 - Data Science Foundations:

- Use and master the main features of Python for Data Science.
- Learn Data Sourcing from an exhaustive list of techniques (CSV, API, Scraping, SQL, etc.).
- Refine your SQL skills with advanced queries (JOIN, PARTITION, RANK, etc.).
- Master the Data Scientist toolbox (Jupyter suite) and perform your first data analysis with Pandas.
- Mathematical concepts behind the foundations of Data Science: statistics, probability and linear algebra.

Week 3 - Decision Science:

- Solidify Data Science basic concepts through an actual 1-week data analysis project
- The project will be based on a dataset provided by the e-commerce marketplace Olist

Week 4 & 5 - Machine Learning:

- Discovery of Machine Learning and the scikit-learn library.
- Unsupervised advanced learning models.

Week 6 - Deep Learning:

- Use neural networks and transfer your knowledge to create models for image recognition, time series and natural language processing.

Week 7 - Data Engineering:

- Use of Master Google Cloud Platform to store and retrieve data with BigQuery and deploy models in production.
- Learn how to “extract, transform and load” data (ETL) in a data warehouse.
- Design a data pipeline to create a robust and scalable system.
- Exploratory analysis from a Jupyter interface and machine learning algorithms on the Google Cloud stack.

Week 8 & 9 - Data Science Projects:

- Work on a Data Science project with a technical team.
- Build a data service or data product: a personalized recommendation system, a search engine, an image recognition application, a supply chain optimization tool or an application for promoting and pricing e-commerce.

Article 4: Level of prior knowledge required before entering the training

Data Science bootcamp candidates need to master **core notions of programming**. You should be comfortable with data types and variables, conditions, loops and functions.

In mathematics, a **minimum level of High School degree/A levels in Science** is necessary to follow the bootcamp: functions, their derivatives and systems of linear equations must be mastered.

Finally, a **fluent level of English** is required to follow the training.

Prior to the training, the student will be asked to complete the mandatory prep work provided by the teaching team.

Article 5: Organization of the training

The training courses will take place from 10/01/2022 to 11/03/2022.

The teachers, in addition to speakers on specialized topics, teaching assistants, mentors and tutors, are selected for their capability to deliver the specific training content they are in charge of.

The general conditions under which the training is provided, and in particular the educational and technical means, the knowledge check methods are as follows:

- During and after the classes, students have access to an online course material allowing them to review the topics raised during the course. The course material is meant to be collaborative and students will be able to suggest their own exercises or mark the exercises in progress.
- The theoretical course is combined with practical work performed by the students. Sessions during which students will code in pairs will be organized regularly as well as sessions during which students will be required to code in front of an audience.

Article 6: Tuition fee and payment schedule

The tuition fee for the 9-week program is **¥850,000** in total, VAT included. The payment schedule is as follows:

- upon signature of the training agreement, a deposit of ¥250,000 VAT included (10%), shall be paid in the 7 days following invoice issuance (and before the start of the bootcamp);
- the second (and final) installment, for the remaining balance VAT included, shall be paid by week 5 of the bootcamp.

As stated on our invoices, payments shall be made in JPY by direct bank transfer or Transferwise. Bank charges and exchange costs incurred for payments in different currencies shall be borne by the invoice's recipient.

Article 7: Interruption of the training program

Should the organisation terminate the training program early, or should the trainee leave the training program for any reason other than a duly recognised case of force majeure, this agreement will be terminated in accordance with the following financial terms and conditions:

- In the event that the course is terminated by the training organisation, the amount paid will be returned in full to the trainee.
- In the event that the course is terminated by the trainee for any reason other than a duly recognised case of force majeure, the total cost of the service will remain due to the training organisation.
- If the trainee is prevented from following the training program due to a duly recognised case of force majeure, the training agreement is terminated. In such case, only the services actually provided are due based on the pro rata temporis value as determined under this agreement.


Article 8: Disputes

If a claim or dispute cannot be settled amicably, only the courts of judicial district of Tokyo are competent. The parties choose Japan law as the applicable law.

Signed in duplicate, in Tokyo, on 24/11/2021

For the trainee:

Taejoon Park

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For the training organisation

Sylvain Pierre, Managing Director

