# Data Analysis Project

## Data Analyst: Timofey Egorov

## Client/Sponsor: Seoul’s Bakery

## Purpose: Which districts together account for more than 50% of total revenue, and how can this concentration support the decision on where to open a new bakery location?

## Scope / Major Project Activities:

|  |  |
| --- | --- |
| Activity | Description |
| Data cleaning and preparation | Remove duplicates, outliers and validate missing values |
| Exploratory Data Analysis (EDA) | Identify trends and correlations between values |
| Visualization Development | Build dashboards and plots that highlight finds |

## This project does not include:

* Recommended quantity order

## Deliverables:

|  |  |
| --- | --- |
| Deliverable | Description/ Details |
| Clean Dataset | A fully cleaned and structured dataset with validated bakery attributes, standardized date, time and district formats. |
| EDA report | A detailed analytical report summarizing ordering trends, identifying the least and most popular products and their average consumption, highlighting trends of deliveries around the city. |
| Spreadsheet visualization | A set of visualizations including charts, total and average revenue per order in every district. Pie chart with percentage revenue in each district. Chart, including infrmation about average sell of each product per day. |

## Schedule Overview / Major Milestones:

|  |  |  |
| --- | --- | --- |
| Milestone | Expected Completion Date | Description/Details |
| Data Cleaning & Preparation Finished | *25.01.26* | |  | | --- | |  |  |  |  |  | | --- | --- | --- | | |  | | --- | |  |  |  | | --- | | Dataset fully cleaned: missing values treated, incorrect entries fixed,  Date and district formats standardized. | | |
| Exploratory Analysis & Visualizations Drafted | *01.02.26* | |  | | --- | |  |  |  | | --- | | EDA completed with insights on district orders distribution and average sell.  Draft visualizations (charts, pie-chart) prepared | |
| Final Report & Dashboard Delivered | *09.02.26* | Final EDA report compiled with conclusions relevant to new opening |

## \*Estimated date for completion:

## *13.02.26*