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| Use Case #: Title | UC3: DT11 - E-tickets validation data |
| Creator | Grupa93 Ltd. |
| Dataset Identifier | DT11\_UC3\_E-tickets validation data \_EMERALDS\_20251120\_v01 |
| DOI | 10.5281/zenodo.17655433 |
| Alternate Identifier | https://data.gov.lv/dati/lv/dataset/e-talonu-validaciju-dati-rigas-satiksme-sabiedriskajos-transportlidzeklos |
| Dataset Description | This dataset contains information about e-tickets validation, including timestamps, routes, directions, and other details. These e-tickets validation data was used for analytics and visualization with EMERALDS tools to provide value-added insights for promoting sustainable mobility in Riga, primarily by deriving key inferences for the optimization of the public transport network. |
| Dataset Documentation | **ValidDatixx\_xx\_xx**  IerID (string) – Record ID  Parks (string) – Depot  TranspVeids (string) – Transport mode  GarNr (string) – Vehicle ID (unique vehicle identifier, used for entry stop coordinate determination when combined with GPS data)  MarsrNos (string) – Route name  Tmarsruts (string) – Route identifier  Virziens (int) – Direction (linked to GTFS Trips: 0 = Forth, 1 = Back)  ValidTalonID (string) – Unique e-ticket ID  Datums (string) – Date of validation  Laiks (string) – Time of validation |
| Work Package/Deliverable | Work Package 5: Use Cases Experimentation, Assessment Cycle.  UC3: Traffic Data Analytics for Public Transportation System. Deliverable 5.6: Trip Characteristics Inference and Traffic Flow Data Analytics v1 and 5.7: Trip Characteristics Inference and Traffic Flow Data Analytics v2. |
| Source | The data has been provided by Rīgas satiksme Ltd. |
| Processing | The data had already been processed, cleaned, and anonymised by the official data provider and published on the Latvian Open Data Portal. |
| Repository | Zenodo |
| Language | Latvian |
| Code list | Not applicable |
| Type | Primary data |
| Format | TXT |
| Size | 399MB |
| Keywords | E-ticket, route, public transport, validation |
| Version | V0.1 |
| Date of Repository Submission | 2025.11.20 |
| Necessary software | Access to the data does not require specific software; it can be viewed using Notepad, Microsoft Excel, or any other platform that supports TXT file formats. |
| Rights | Attribution 4.0 International (CC BY 4.0) 4.0) license. ~~The original data available from Latvian open data portal use CC0 1.0.~~ |
| Access Information | The dataset is openly accessible on Zenodo under the Creative Commons Attribution 4.0 International (CC BY 4.0) license. ~~The original data is publicly available by Rīgas satiksme Ltd. under the CC0 1.0 license.~~ |