**Data Description**

This dataset is derived from the data resources specifically for the behavior of loan lost-linking customers. It is constructed through a rigorous data processing flow. In this flow, the principle of data privacy protection is fully adhered to, only part of the core indicators are selected and in-depth analyzed, and this dataset is formed by performing unique refinement and calculation decomposition on these indicators.

The lost-linking dataset comprises 256 samples, encompassing the identifiers of loan lost-linking customers along with a comprehensive set of features. These include the permanent address, the state of mobile phone numbers in the network, the dialing record of mobile phone numbers, SMS signaling, email features, and other signaling features of the customers. Additionally, the dataset captures similar features for emergency contacts, such as the state of their mobile phone numbers in the network, the dialing record of their mobile phone numbers, SMS signaling, and email features. The dataset also includes details on the loan type, the number of overdue days, overdue debt, the estimated recoverable amount, the number of lost-linking day, the number of valid contacts, and the relationship with valid contacts of the loan lost-linking customers, totaling 17 lost-linking features. Together with the lost-linking modes, this brings the total to 18 features. The feature codes, names of the lost-linking dataset are illustrated in the Table below.

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| **Serial Number** | **Lost-Linking Feature Code** | **Lost-Linking Feature Name** |
| 1 | x1 | Permanent address(1 signifies the registered or business address, while 0 indicates otherwise) |
| 2 | x2 | The state of mobile phone number in the network(A represents normal, B represents out of service, C represents active but not available, D represents no number (unassigned), E represents not activated, F represents abnormal). |
| 3 | x3 | The dialing record of the mobile phone number (The number of times of being hung up, turned off or getting a busy tone.) |
| 4 | x4 | SMS signaling(0 indicates no response, and 1 indicates a response) |
| 5 | x5 | Email features(0 indicates no response, and 1 indicates a response) |
| 6 | x6 | Other signaling features(APPs, mini-programs, and public accounts)  (0 indicates no response, and 1 indicates a response) |
| 7 | x7 | The state of mobile phone number of emergency contacts in the network(A represents normal, B represents out of service, C represents active but not available, D represents no number (unassigned), E represents not activated, F represents abnormal) |
| 8 | x8 | The dialing record of the mobile phone number of emergency contacts (The number of times of being hung up, turned off or getting a busy tone.) |
| 9 | x9 | SMS signaling of emergency contacts(0 indicates no response, and 1 indicates a response) |
| 10 | x10 | Email features of emergency contacts(0 indicates no response, and 1 indicates a response) |
| 11 | x11 | Loan type(P represents guaranteed loans, Q represents mortgage loans, R represents credit loans, and S represents discount loans) |
| 12 | x12 | The number of overdue day. |
| 13 | x13 | Overdue debt |
| 14 | x14 | The estimated recoverable amount. |
| 15 | x15 | The number of lost-linking day. |
| 16 | x16 | The number of valid contacts. |
| 17 | x17 | The relationship between loan lost-linking customers and valid contacts(Whether the valid contacts include parents, spouses or immediate relatives. 1 represents "yes" and 0 represents "no") |
| 18 | x18 | lost-linking modes: 0 represents the Hide and Seek mode (HS mode), 1 represents the Flee with the Money mode (FM mode), and 2 represents the False Disappearance mode (FD mode). |