

Step 1: Labelled data,
57502 entries, 38972
allowed, 18530 denied.

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graph TD; A[Step 1: Labelled data, 57502 entries, 38972 allowed, 18530 denied.] --> B[Unbalanced]; A --> C[Balanced (Undersampling & Oversampling)]; B --> D[Random]; B --> E[Consecutive]; C --> F[Random]; C --> G[Consecutive];
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Unbalanced

Balanced (Undersampling &
Oversampling)

Random

Consecutive

Random

Consecutive