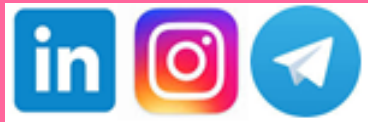


Machine Learning Basics

Leave-One-Out



behzad.amanpour





Data Size

- **Large Data Set / Large Model**
 - Splitting once into training & test
- **Medium Size**
 - Cross-validation
- **Small Size**
 - Leave-One-Out Cross-validation



Cross Validation

1	Train	Train	Train	Train	Test	85%
2	Train	Train	Train	Test	Train	80%
3	Train	Train	Test	Train	Train	78%
4	Train	Test	Train	Train	Train	82%
5	Test	Train	Train	Train	Train	73%



Leave-One-Out

