





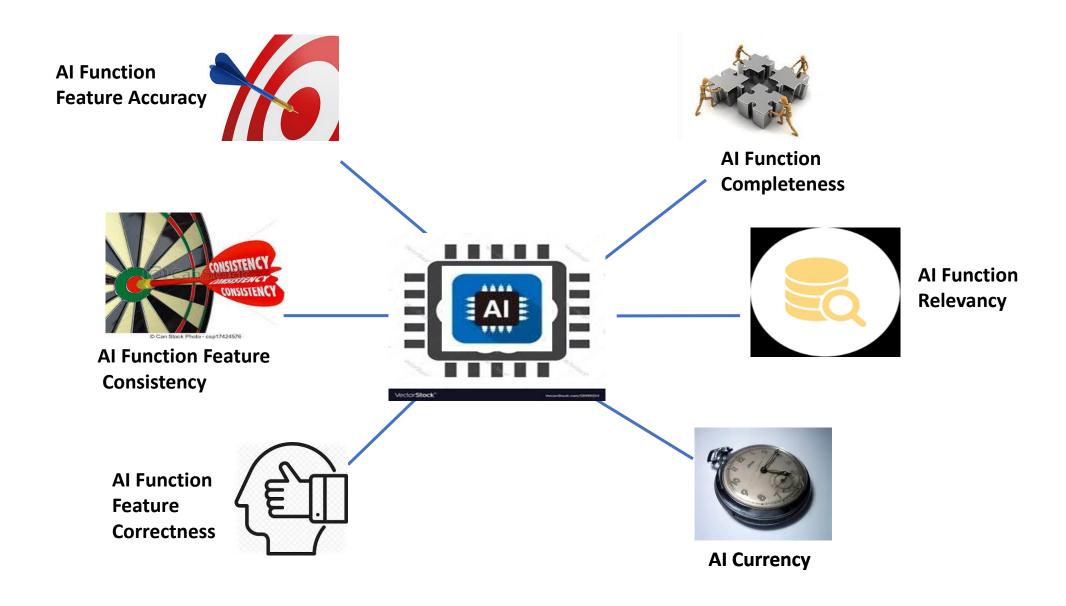
Al Testing – Testing Quality Assessment

Presented by: Jerry Gao, Professor, and Director

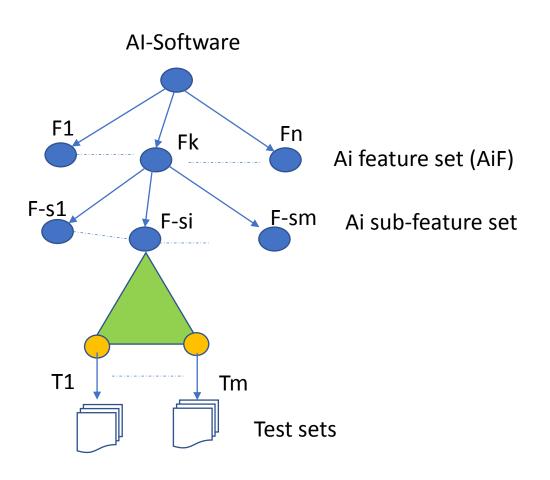
San Jose State University – Excellence Research Center on Smart Technology, Computing, and Complex Systems

Date: 6/4/2018

AI System Testing Quality Parameters

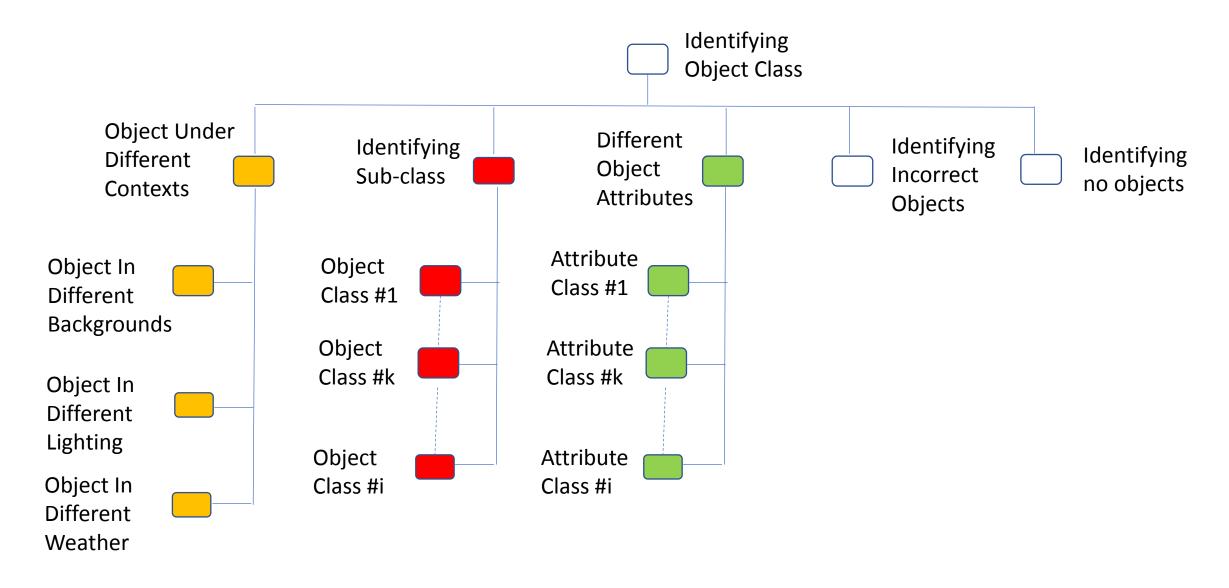


Al Software Test Modeling

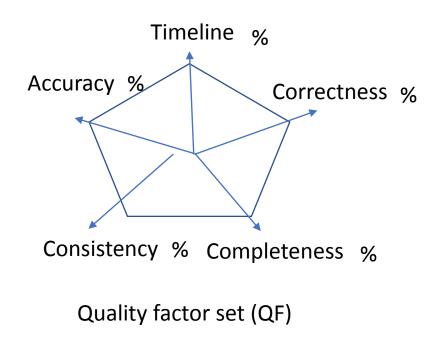


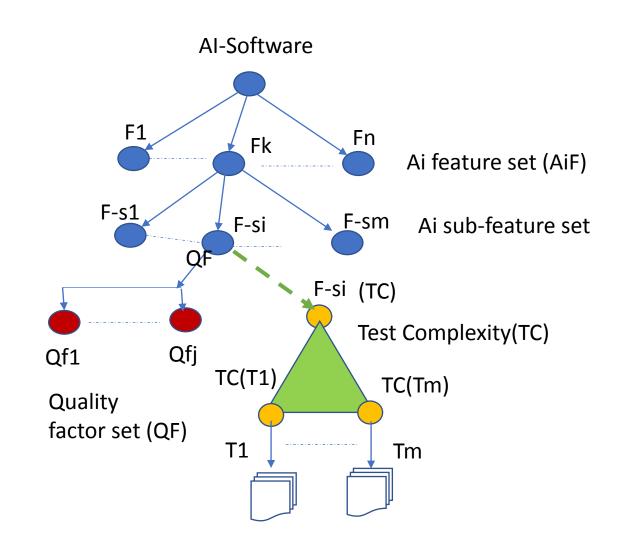
- AI knowledge test model
- Al feature test model
- Object test model
- Data test model

Al Software Test Modeling

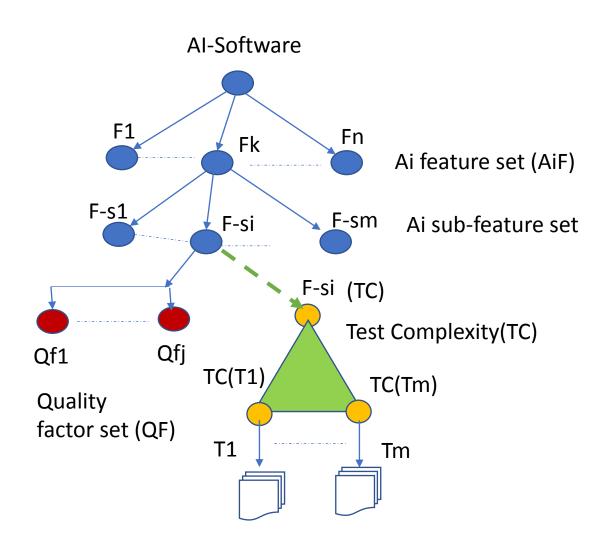


Al Software Test Quality Assessment





Al Software Test Adequacy and Coverage



- AI knowledge model test coverage
- Al feature test coverage
- Ai sub-feature test coverage
- Al feature classification test coverage
- Object-model test coverage
- Object classification test coverage
- Object context test coverage
- Object relation test coverage
- Data-model test coverage
- Data classification test coverage
- Data relation test coverage
- Data format test coverage
- Data range test coverage

