

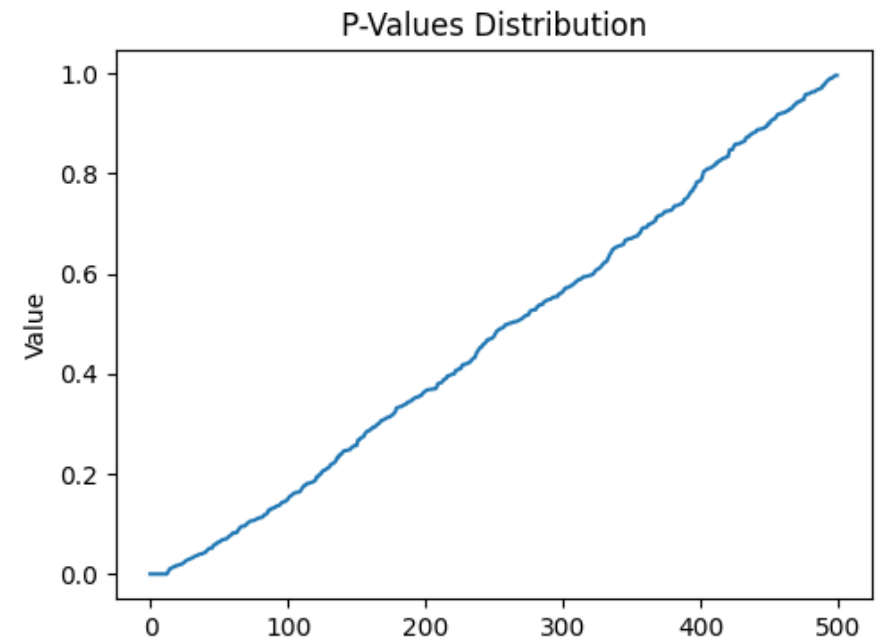
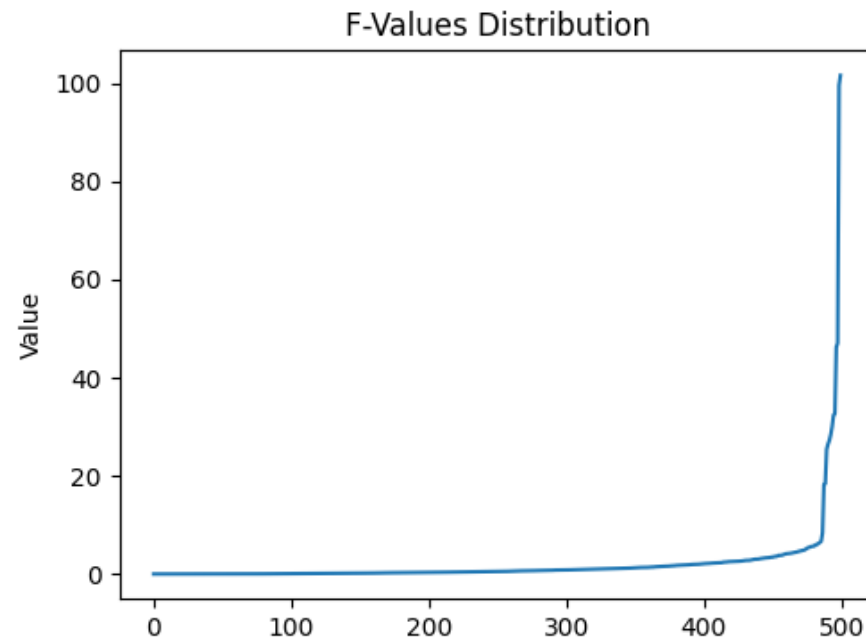
AutoML - Homework 2

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Dane wejściowe

- ▶ Podział na treningowe/testowe 75%/25%
- ▶ Użycie tylko 10 kolumn



Model manualny

- ▶ Ensemble w postaci **VotingClassifier** probabilistycznie
- ▶ Użycie 8 modeli:
 - LogisticRegression
 - DecisionTreeClassifier
 - SVC
 - RandomForestClassifier
 - KNeighborsClassifier
 - GaussianNB
 - MLPClassifier
 - GradientBoostingClassifier

Hypertuning

- ▶ Random Search
- ▶ Kroswalidacja
- ▶ Wynik: 82.4% vs 84.6%

Framework automlowy

- ▶ AutoSklearn
- ▶ Kroswalidacja
- ▶ ~~Autogluon~~

Końcowe wyniki

Model	Walidacja	Test (5%)
VotingClassifier	84.60%	93.33%
AutoSklearn	87.80%	100%

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect. The shapes are layered, with some appearing more prominent than others, and they extend from the edges of the frame towards the center.

Dziękujemy