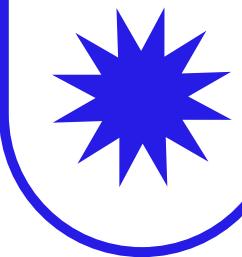
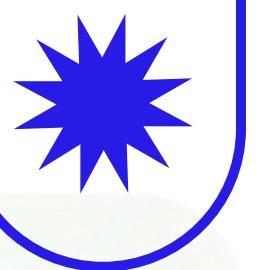


Think Unlimited

EU Sustainability classification





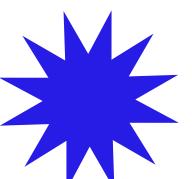
From Aviation Data to Sustainable Futures with Data Science

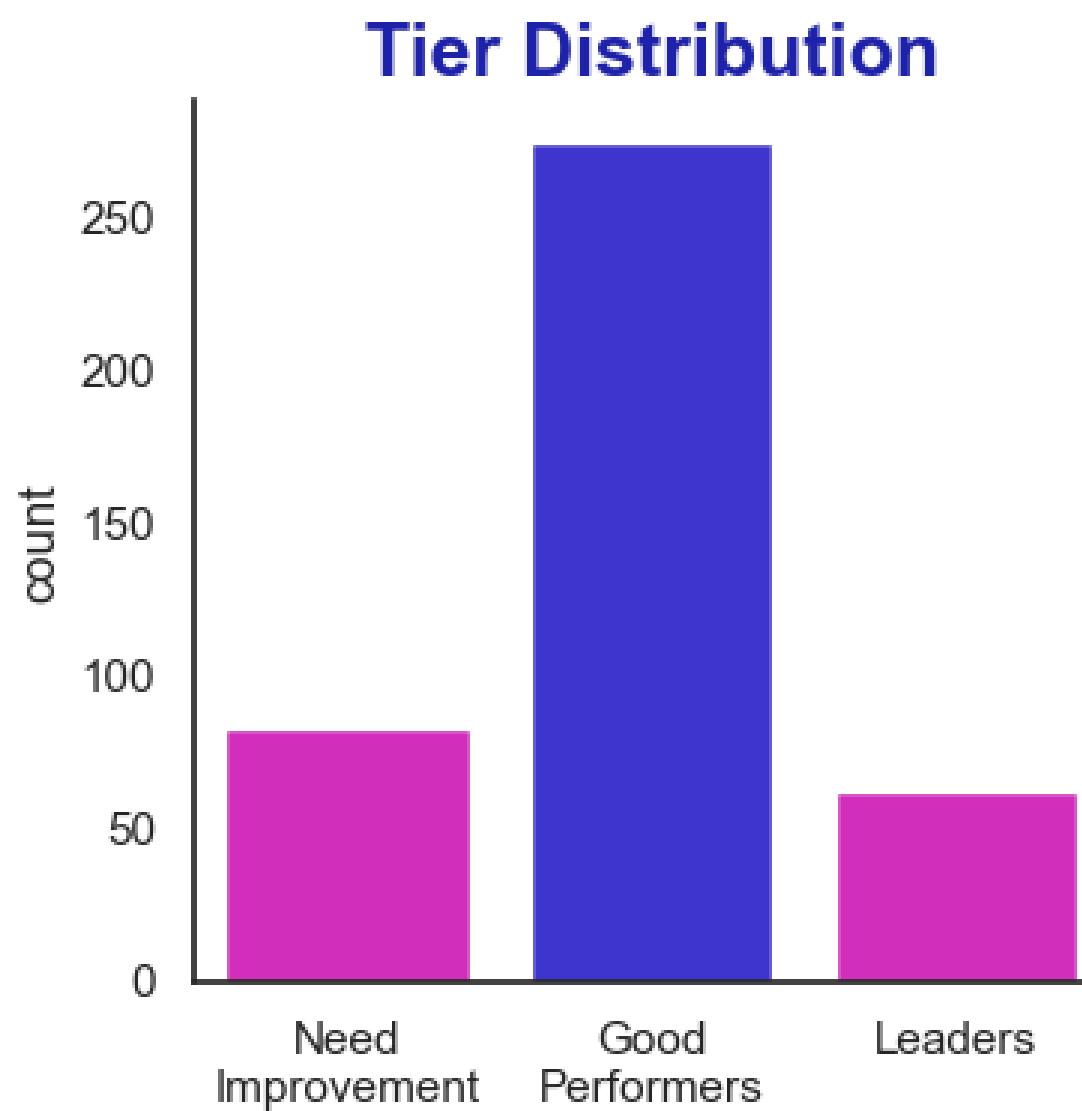
My background:

Aviation Revenue Manager → Career Changer →
→ Data Science Learner

Why I chose this project:

Perfect mix of challenge and meaning.





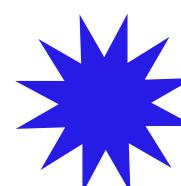
What Drives Sustainability Performance

Goal:

- Identify top factors influencing sustainability

Data EU Sustainable Development:

- 16 indicators
- 10 years
- 42 countries/regions



Approach

Data Preparation

1

- Managed *missing* data
- Considered class *imbalance*
- Handled *group* structure

Modeling

2

- Established *baseline*
- Tested: *Logistic Regression, Gradient Boosting, Random Forest*

Best Model

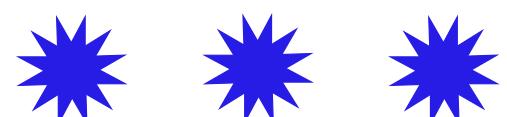
3

Random Forest

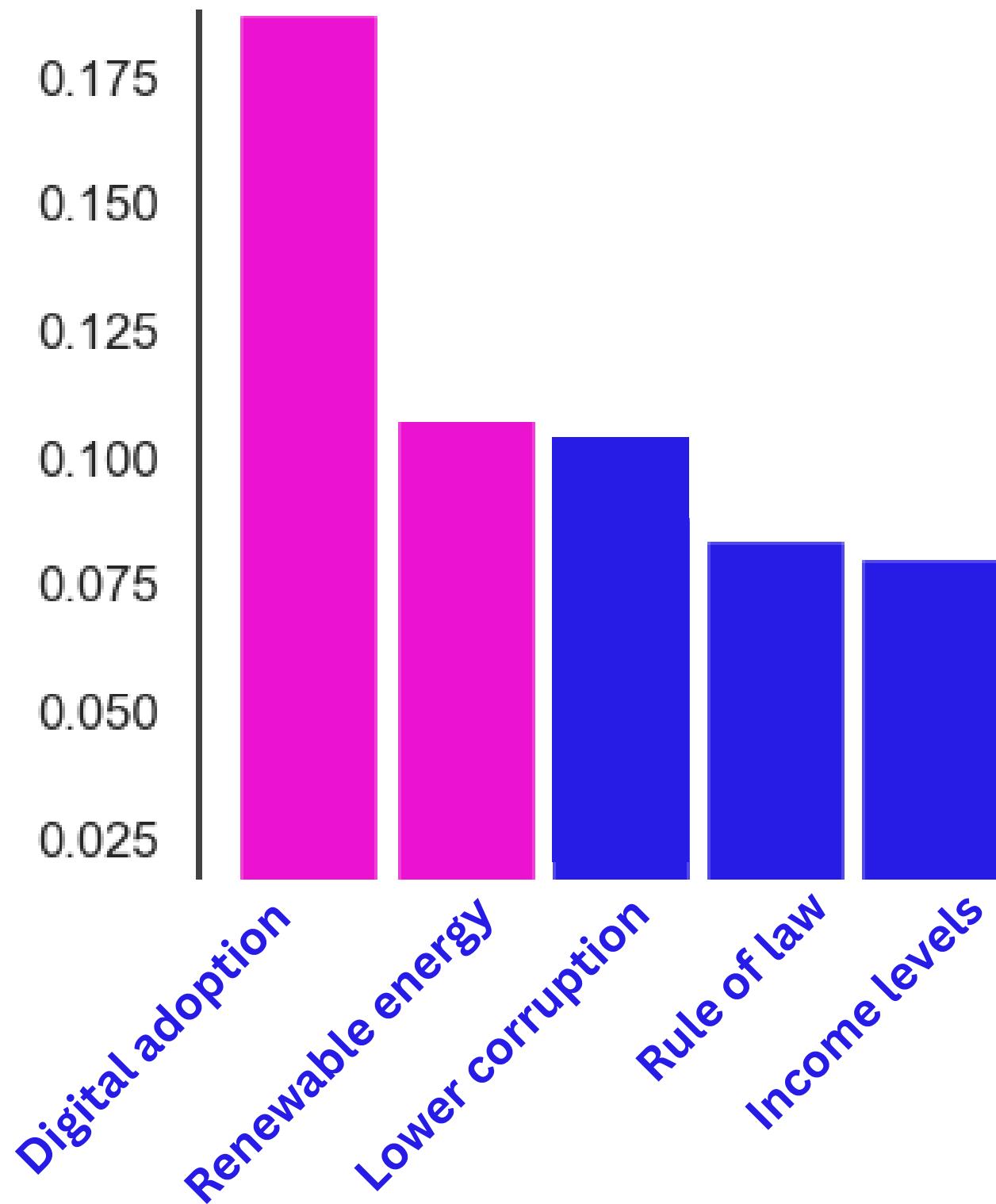
- accuracy *98%*
- built-in
feature importance

Confusion Matrix

16	1	0
0	55	0
0	1	11



Key Drivers of Sustainability

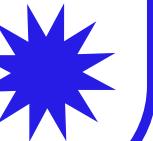


Strategies for Underperformers

- Foster *digital transformation* for sustainable growth
- Invest in *renewable energy*
- Strengthen *governance* and transparency
- Promote sustainable *income* development



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Thank you!

Please contact me if you're interested in details, collaboration, or applying these findings.

