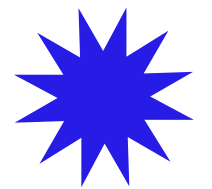
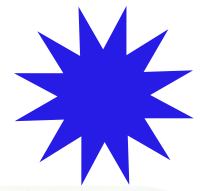


Think Unlimited

EU Sustainability Classification



Think Unlimited



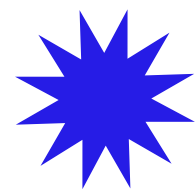
From Aviation Data to Sustainable Futures with Data Science

My background:

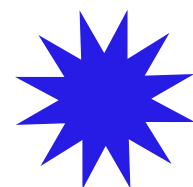
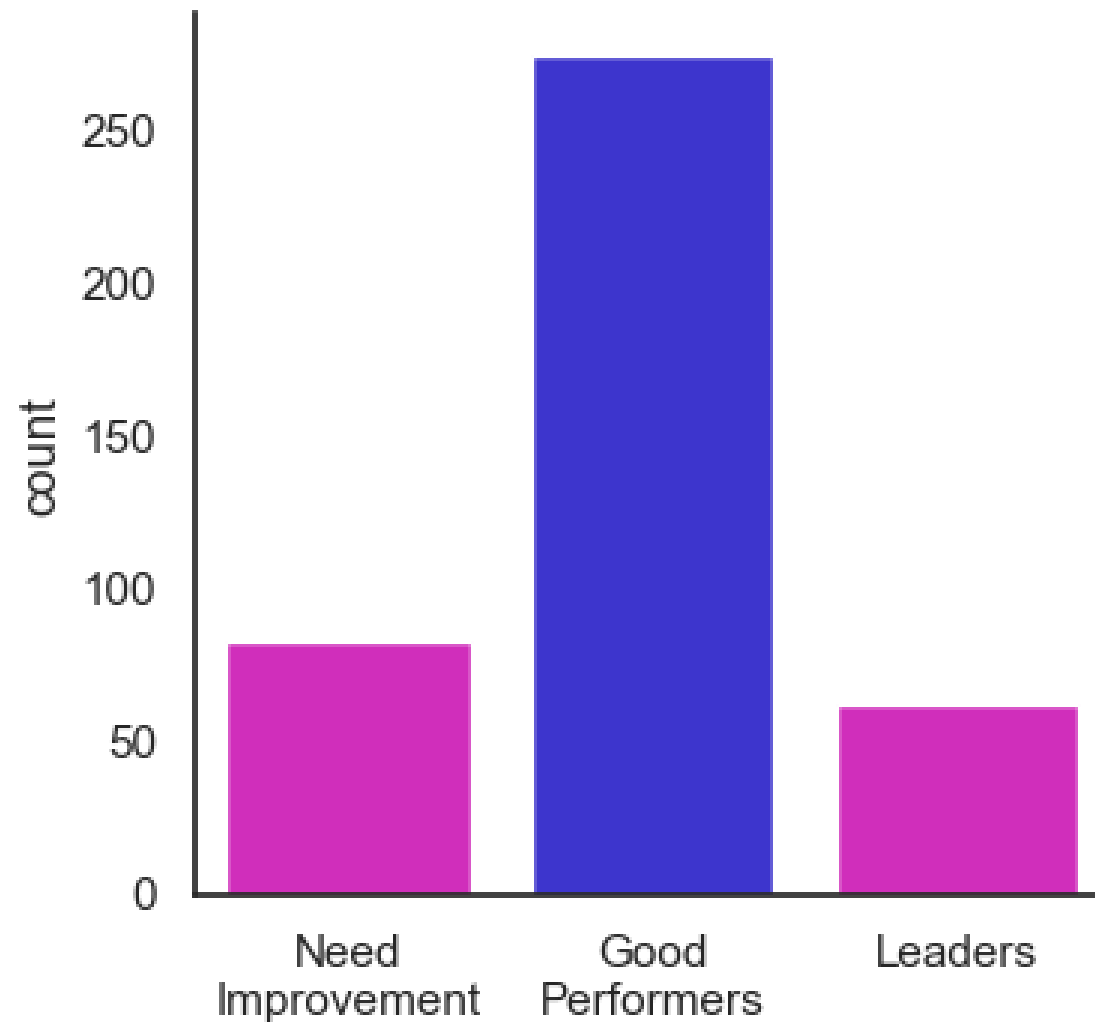
Aviation Revenue Manager → Career Changer →
→ Data Science Learner

Why I chose this project:

Perfect mix of challenge and meaning.



Tier Distribution



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

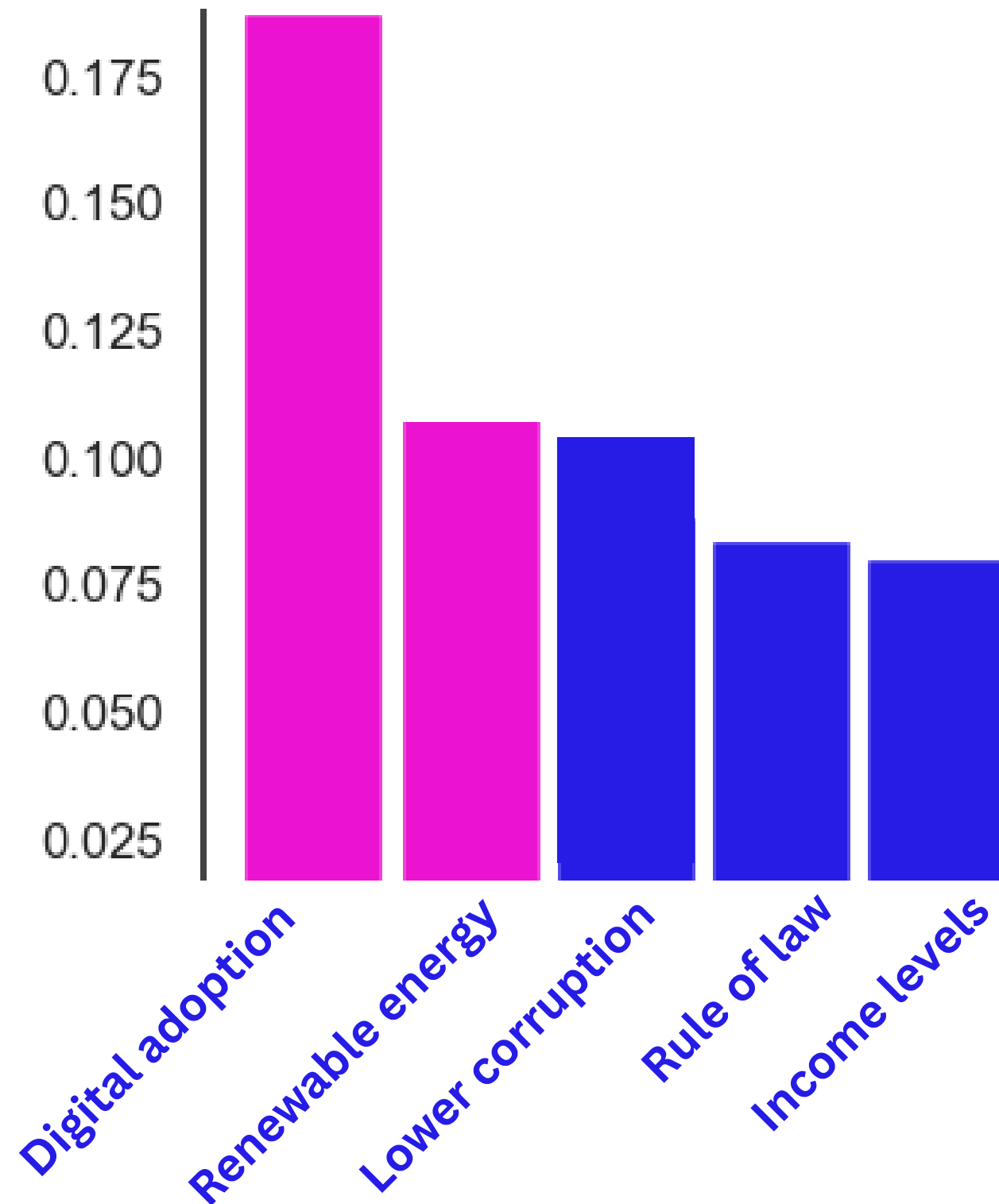
- accuracy *98%*
- built-in *feature importance*

Confusion Matrix

16	1	0
0	55	0
0	1	11

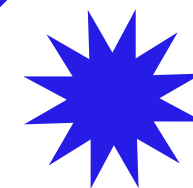


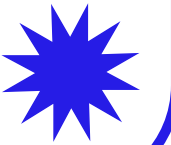
Key Drivers of Sustainability



Strategies for Underperformers

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





Thank you!

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

