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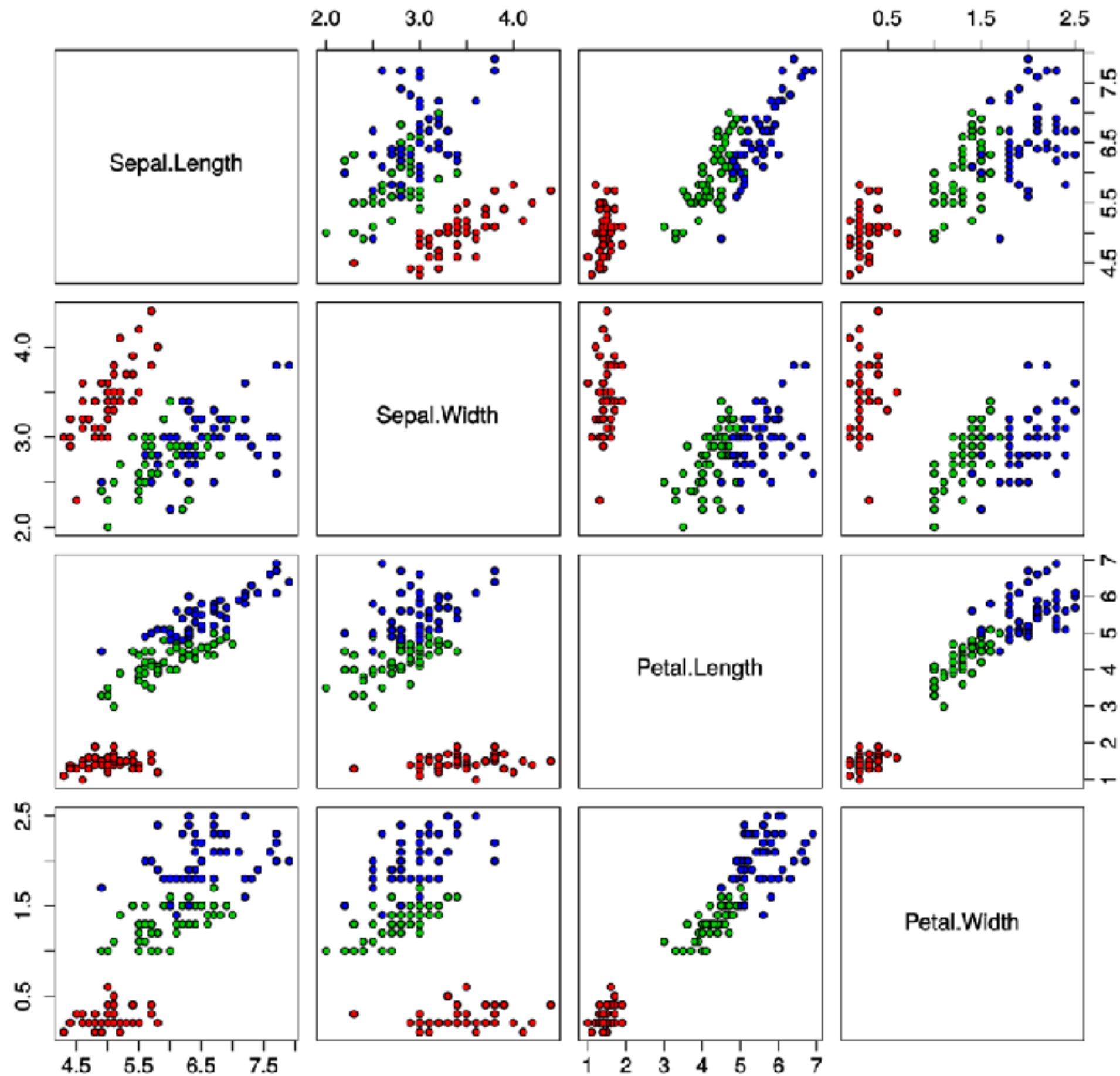
GitHub: [dmittov](#)

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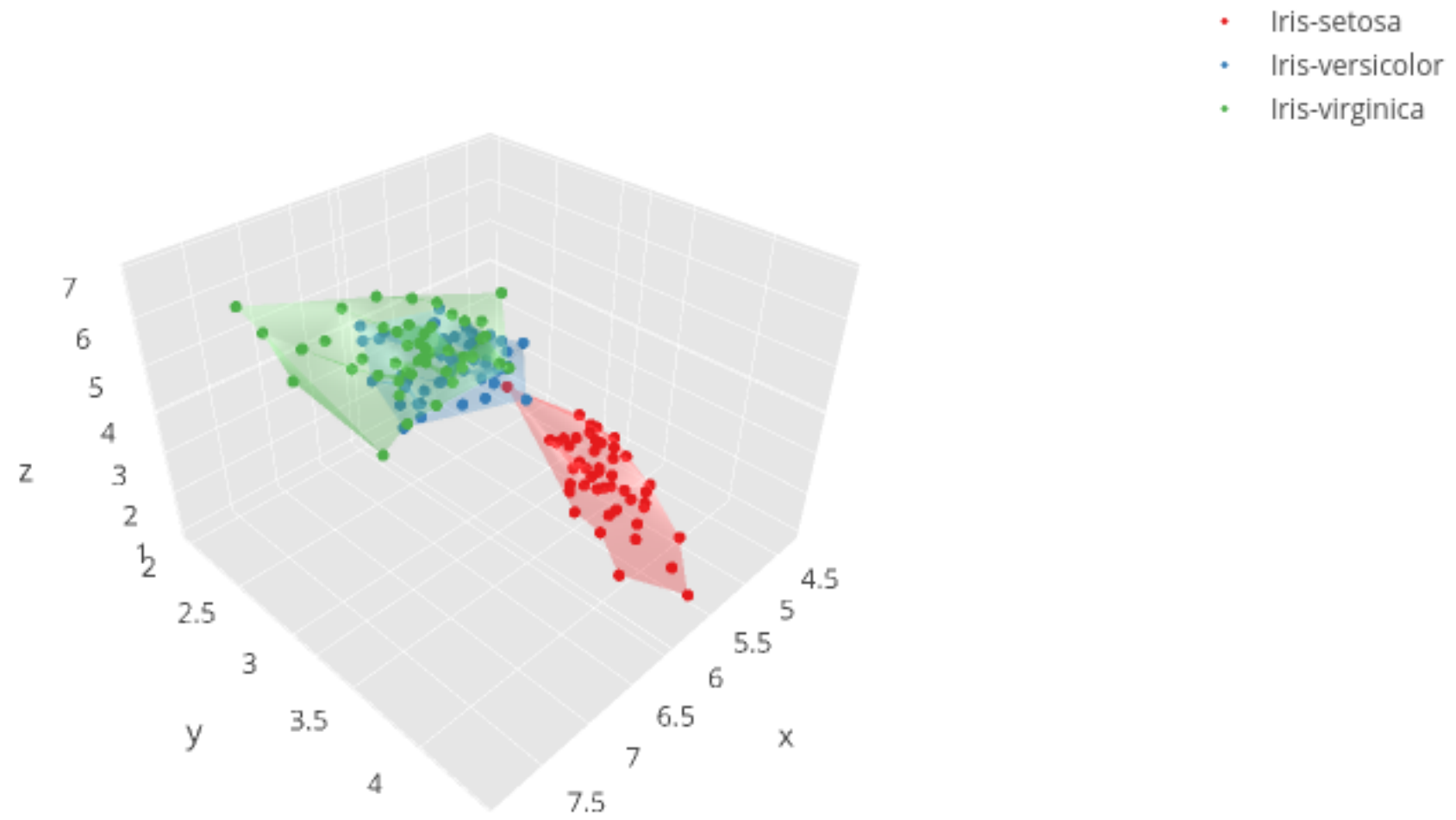
Linear Models

- Формула
- Интерпретация и простота
- Забавные факты о высоких размерностях
- VC dimension растёт с ростом количества features

Iris Data (red=setosa,green=versicolor,blue=virginica)



Iris dataset



Hashing Trick

Factorization Machines

- Linear Model with quadratic features
- Factorization machines formula
- Factorization machines meaning

Factorization Machines

- Optimization trick
- Field aware
- Classification

Deep Wide Learning