

We have

- Few data points (20 - 10.000)
- Noise / uncertainty estimate
- Scalar target

We want

- Non-parametric model: no fixed functional form
- Data driven: more data yields better model
- Explainable: understand answer

| Animal | Typical Speed ¹ |
|---------|----------------------------|
| Horse | 30 km/h |
| Parrot | 35 km/h |
| Swallow | 60 km/h |
| Python | 3 km/h |

¹| All numbers in this talk are illustrative only.