Dave Robertson
The City Deal

• Where it came from
• What it funds
• How you can engage
The Stack for a university driven by data science

- Data Assets
- Data Science Infrastructure
- University Structures
- Strategic projects
- Diverse education at scale

Diversity
Cooperation
Enabling
Curation

Return
Investments
The stack for College of Science & Engineering (in 2018)

Diverse education at scale

Data Science distance learning

Strategic projects

- Precision Medicine
- Sensors
- Energy
- Climate
- Robotics
- Maths of Data
- New Materials

Biology   Chemistry   Engineering   Geosciences   Informatics   Mathematics   Physics

Data Science Infrastructure

EPCC

Data Assets

Edinburgh Genomics

Astrophysics

www.inf.ed.ac.uk
City Deal is part of a long term effort

External Recognition

- Huawei Lab
- Edinburgh Genomics
- Alan Turing Institute
- DataLab Innovation Centre
- CDTs in Data, Parallelism, Robotics
- Administrative Data Research Centre
- Farr Institute

2014

2017

Industrial recognition

Unique genome sequencing facility

Influence in stratified UK landscape for data/AI

Scotland’s innovation hub for data in industry

Base of 200+ early career computing researchers in data+sensors+actuators

Unique linked data capability

Internal Capabilities
City Deal funds major infrastructures

and commits the University to an extensive programme in translational research and education in data science.
How Informatics folk can engage with this now

• Use infrastructure investment as collateral for your research bids.
• Connect to City Deal team to develop your applied research.
• Develop new initiatives in education (residential/on-line)

With Bayes Institute as the conduit (and University nucleus) supported by College of Science & Engineering