

Coding Code of Conduct

Codes to code codes by

Overview

- I already know all this
- Why bother?
- What?
- Why is it important?
- What are the risks?
- What do we need then?
- Final thoughts and Q&A

Aileen covered this already

(...very well and very thoroughly)

I already Git pulled the DE3 notes!

Why bother?

Humans versus robots



imgflip.com



What is already in place?

Who do I pay attention to?



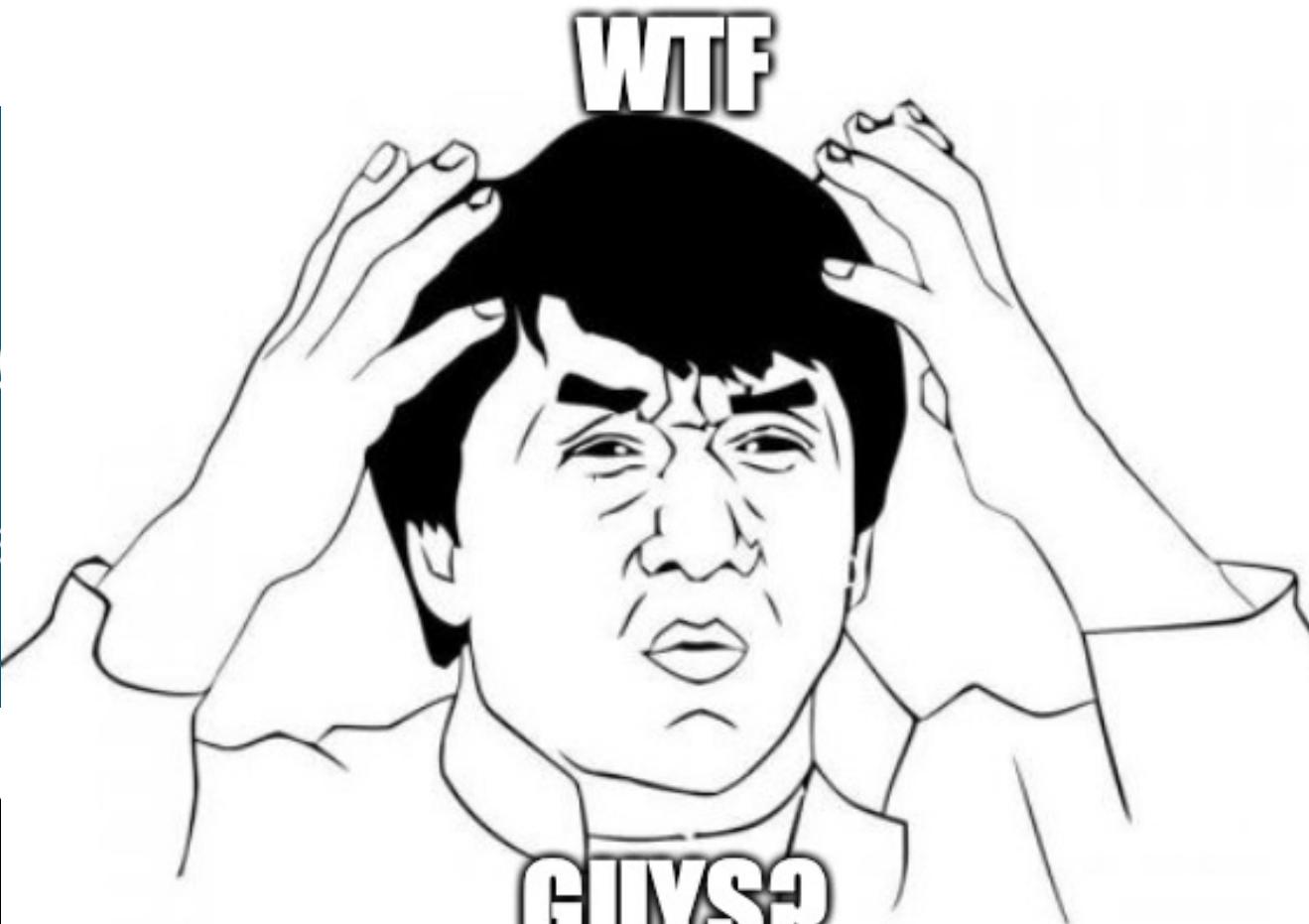
Department for
Digital, Culture,
Media & Sport



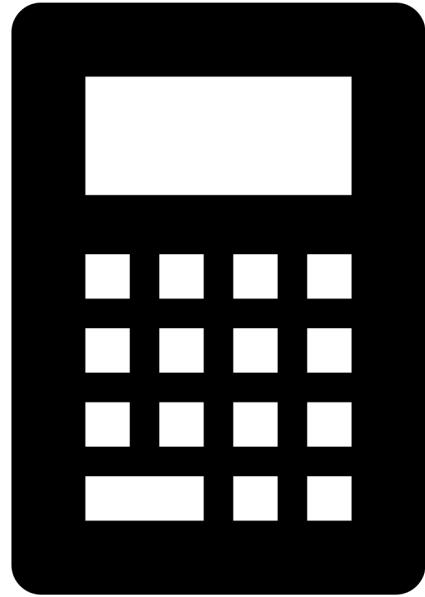
Who do I pay attention to?



imgflip.com



Other Sectors



Dissecting the Hippocratic Oath



Dissecting the Hippocratic Oath

ὅμνυμι Ἀπόλλωνα ἵητρὸν καὶ Ἀσκληπιὸν καὶ Υγείαν καὶ Πανάκειαν καὶ θεοὺς πάντας τε καὶ πάσας, ὕστορας ποιεύμενος, ἐπιτελέα ποιήσειν κατὰ δύναμιν καὶ κρίσιν ἐμὴν ὄρκον τόνδε καὶ συγγραφὴν τήνδε:

ἥγήσεσθαι μὲν τὸν διδάξαντά με τὴν τέχνην ταύτην ἵσα γενέτησιν ἐμοῖς, καὶ βίου κοινώσεσθαι, καὶ χρεῶν χρηζοντι μετάδοσιν ποιήσεσθαι, καὶ γένος τὸ ἐξ αὐτοῦ ἀδελφοῖς ἵσον ἐπικρινεῖν ἅρρεσι, καὶ διδάξειν τὴν τέχνην ταύτην, ἢν χρηζῶσι μανθάνειν, ἃνευ μισθοῦ καὶ συγγραφῆς, παραγγελίης τε καὶ ἀκροήσιος καὶ τῆς λοίπης ἀπάσης μαθήσιος μετάδοσιν ποιήσεσθαι υἱοῖς τε ἐμοῖς καὶ τοῖς τοῦ ἐμὲ διδάξαντος, καὶ μαθητῇσι συγγεγραμμένοις τε καὶ ὡρκισμένοις νόμῳ ἱητρικῷ, ἄλλῳ δὲ οὔδενί.

διαιτήμασί τε χρήσομαι ἐπ' ὀφελείῃ καμνόντων κατὰ δύναμιν καὶ κρίσιν ἐμὴν, ἐπὶ δηλήσει δὲ καὶ ἀδικίῃ εἴρξειν.

οὐ δώσω δὲ οὔδε φάρμακον οὔδενὶ αἰτηθεὶς θανάσιμον, οὔδε ὑφηγήσομαι συμβουλίην τοιήνδε: ὁμοίως δὲ οὔδε γυναικὶ πεσσὸν φθόριον δώσω.

ἀγνῶς δὲ καὶ ὄσιως διατηρήσω βίον τὸν ἐμὸν καὶ τέχνην τὴν ἐμὴν.

οὐ τεμέω δὲ οὔδε μὴν λιθιῶντας, ἐκχωρήσω δὲ ἐργάτησιν ἀνδράσι πρήξιος τῆσδε.

ἔς οἰκίας δὲ ὄκόσας ἀν ἐσίω, ἐσελεύσομαι ἐπ' ὀφελείῃ καμνόντων, ἐκτὸς ἐὼν πάσης ἀδικίης ἐκουσίης καὶ φθορίης, τῆς τε ἄλλης καὶ ἀφροδισίων ἔργων ἐπὶ τε γυναικείων σωμάτων καὶ ἀνδρών, ἐλευθέρων τε καὶ δουλῶν.

ἄ δ' ἀν ἐνθεραπείη ἵδω ἢ ἀκούσω, ἢ καὶ ἄνευ θεραπείης κατὰ βίον ἀνθρώπων, ἢ μὴ χρή ποτε ἐκλαλεῖσθαι ἔξω, σιγήσομαι, ἅρρητα ἡγεύμενος είναι τὰ τοιαῦτα.

ὄρκον μὲν οὖν μοι τόνδε ἐπιτελέα ποιέοντι, καὶ μὴ συγχέοντι, εἴη ἐπαύρασθαι καὶ βίου καὶ τέχνης δοξαζομένῳ παρὰ πᾶσιν ἀνθρώποις ἔς τὸν αἱεὶ χρόνον: παραβαίνοντι δὲ καὶ ἐπιορκέοντι, τάναντία τούτων.

Dissecting the Hippocratic Oath

I swear by [Apollo](#) Physician, by [Asclepius](#), by [Hygieia](#), by [Panacea](#), and by all the gods and goddesses, making them my witnesses, that I will carry out, according to my ability and judgment, this oath and this indenture.

To hold my teacher in this art equal to my own parents; to make him partner in my livelihood; when he is in need of [money to share](#) mine with him; to consider his family as my own brothers, and to teach them this art, if they want to learn it, without fee or indenture; to impart precept, oral instruction, and all other instruction to my own sons, the sons of my teacher, and to indentured pupils who have taken the physician's oath, but to nobody else.

I will use treatment to help the sick according to my ability and judgment, but never with a view to injury and wrong-doing. Neither will I administer a poison to anybody when asked to do so, nor will I suggest such a course. Similarly I will not give to a woman a [pessary](#) to cause abortion. But I will keep pure and holy both my life and my art. I will not use the knife, not even, verily, on sufferers from [stone](#), but I will give place to such as are craftsmen therein.

Into whatsoever houses I enter, I will enter to help the sick, and I will abstain from all intentional wrong-doing and harm, especially from abusing the bodies of [man or woman](#), [bond or free](#). And whatsoever I shall see or hear in the course of my profession, as well as outside my profession in my intercourse with men, if it be what should not be published abroad, I will never divulge, holding such things to be holy secrets.

Now if I carry out this oath, and break it not, may I gain for ever reputation among all men for my life and for my art; but if I break it and forswear myself, may the opposite befall me.[\[6\]](#) – Translation by W.H.S. Jones.

Dissecting the Hippocratic Oath

I swear to fulfill, to the best of my ability and judgment, this covenant:

I will respect the hard-won scientific gains of those physicians in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.

I will apply, for the benefit of the sick, all measures [that] are required, avoiding those twin traps of overtreatment and therapeutic nihilism.

I will remember that there is art to medicine as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.

I will not be ashamed to say "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.

I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death. If it is given me to save a life, all thanks. But it may also be within my power to take a life; this awesome responsibility must be faced with great humbleness and awareness of my own frailty. Above all, I must not play at God.

I will remember that I do not treat a fever chart, a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.

I will prevent disease whenever I can, for prevention is preferable to cure.

I will protect the environment which sustains us, in the knowledge that the continuing health of ourselves and our societies is dependent on a healthy planet.

I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body as well as the infirm.

If I do not violate this oath, may I enjoy life and art, respected while I live and remembered with affection thereafter. May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.

Dissecting the Hippocratic Oath

best of my ability and judgment
share such knowledge
all measures [that] are required
warmth, sympathy, and understanding
not be ashamed to say "I know not,"
respect the privacy of my patients
responsibility must be faced with
great humbleness and awareness of
my own frailty. Above all, I must not
play at God.

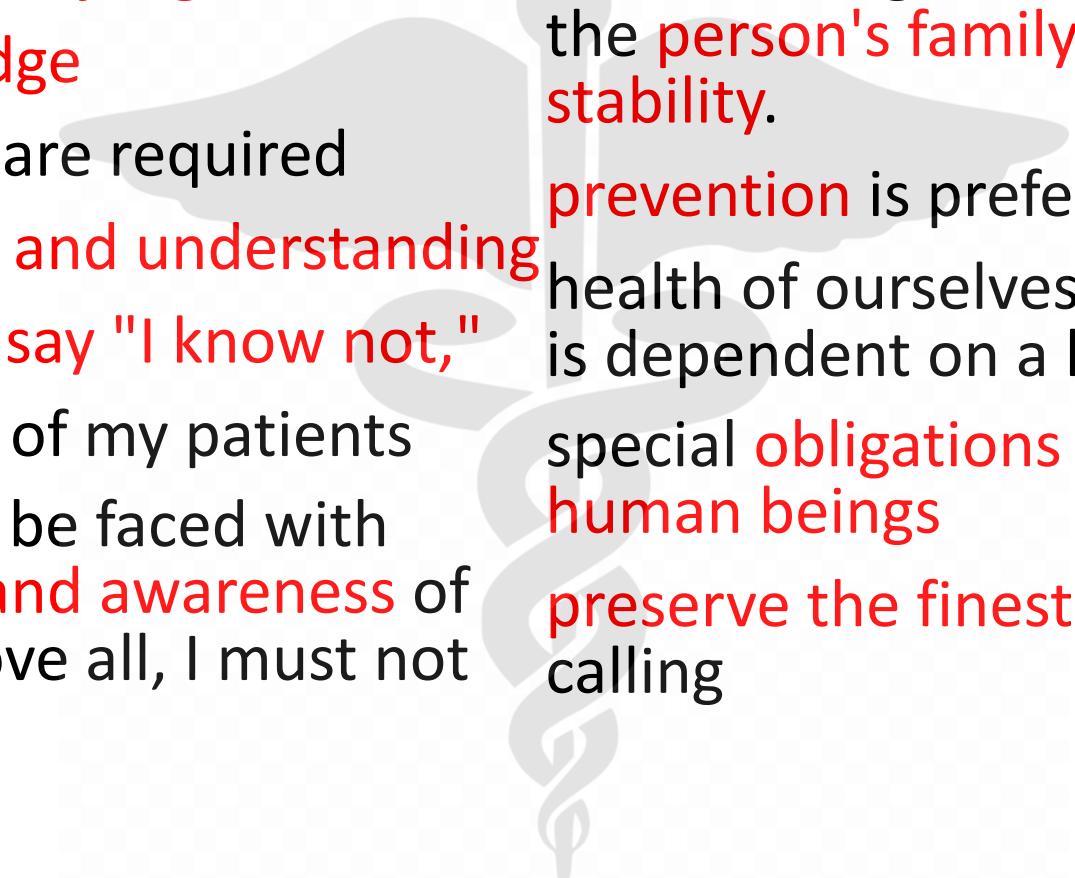
human being, whose illness may affect
the person's family and economic
stability.
prevention is preferable to cure.
health of ourselves and our societies
is dependent on a healthy planet.
special obligations to all my fellow
human beings
preserve the finest traditions of my
calling

Dissecting the Hippocratic Oath

best of my ability and judgment
share such knowledge
all measures [that] are required
warmth, sympathy, and understanding
not be ashamed to say "I know not,"
respect the privacy of my patients
responsibility must be faced with
great humbleness and awareness of
my own frailty. Above all, I must not
play at God.

human being, whose illness may affect
the person's family and economic
stability.
prevention is preferable to cure.
health of ourselves and our societies
is dependent on a healthy planet.
special obligations to all my fellow
human beings
preserve the finest traditions of my
calling

Dissecting the Hippocratic Oath



best of my **ability and judgment**
share such **knowledge**
all measures [that] are required
warmth, **sympathy, and understanding**
not be ashamed to **say "I know not,"**
respect the **privacy** of my patients
responsibility must be faced with
great humbleness and awareness of
my own frailty. Above all, I must not
play at God.

human being, whose illness may affect
the **person's family and economic**
stability.

prevention is preferable to cure.

health of ourselves and our **societies**
is dependent on a healthy planet.

special **obligations** to all my fellow
human beings

preserve the finest traditions of my
calling

Key Variables for Consideration



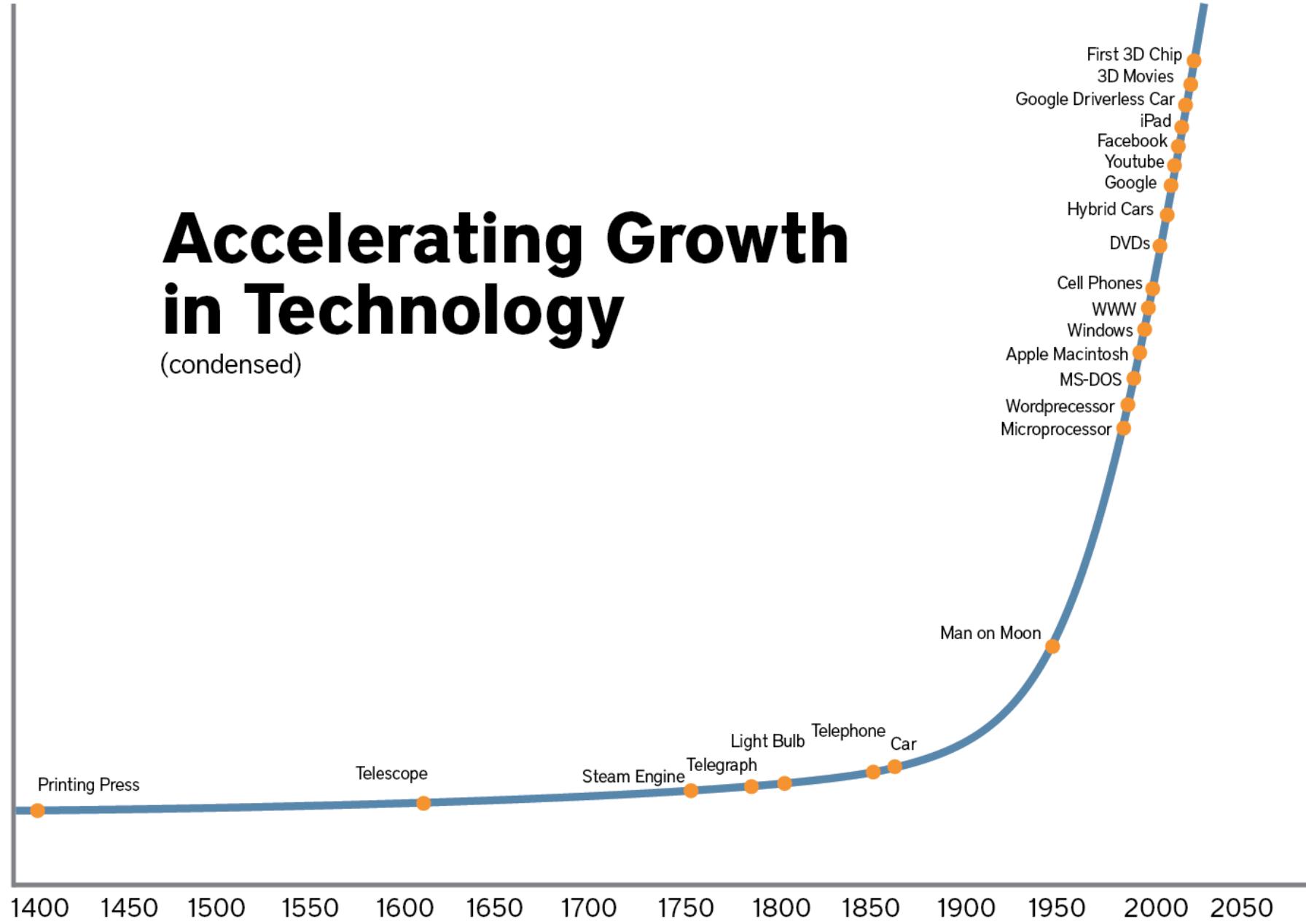
Why is it important?

Political will / ability / competence



Accelerating Growth in Technology

(condensed)

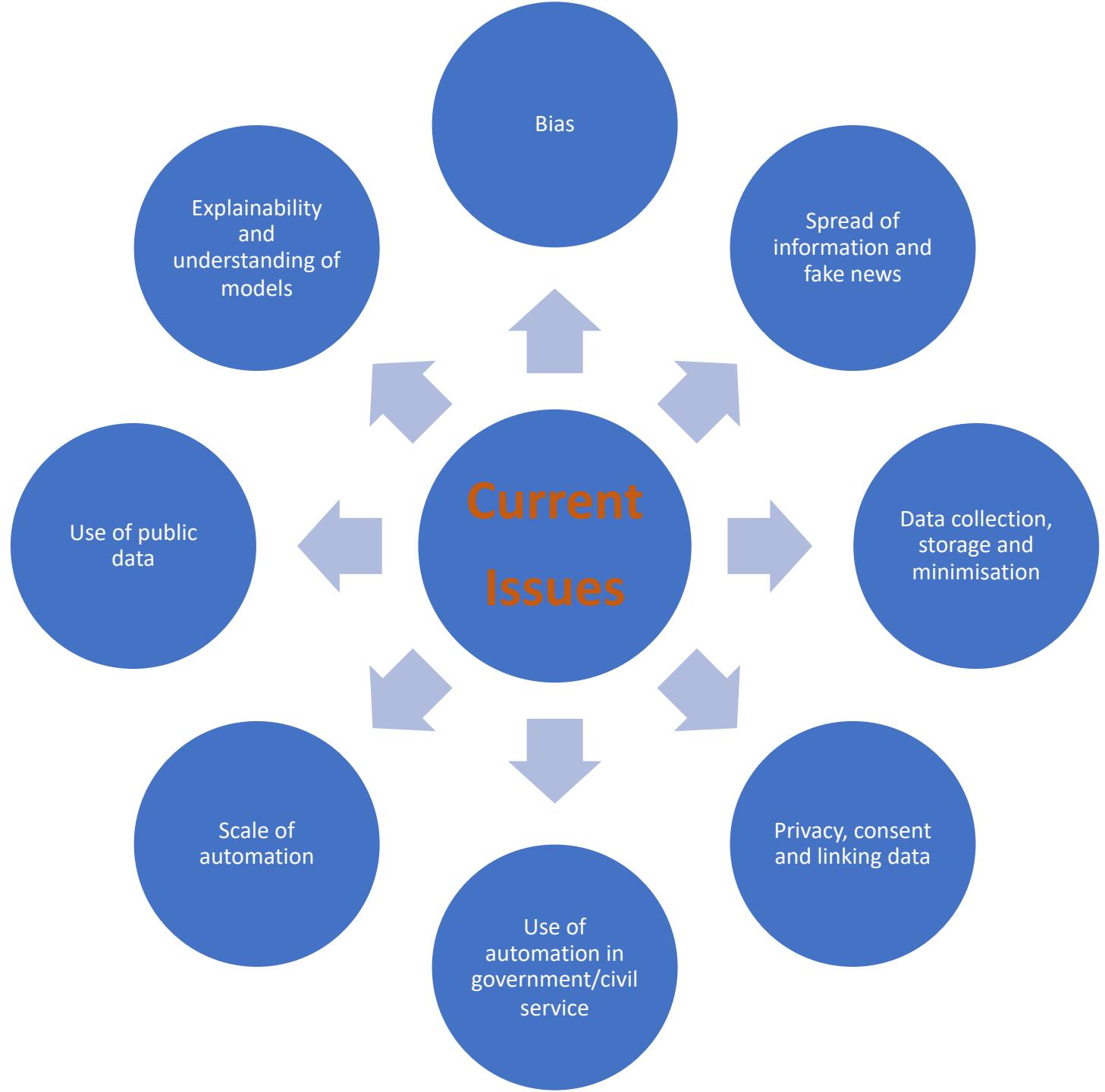


What are the risks?

SKYNET



IS COMING



8 Risk Zones

Truth, Disinformation, Propaganda

Risk Zone 1



Risk Zone 2

Addiction & the Dopamine Economy



Risk Zone 3

Economic & Asset Inequalities



Risk Zone 4

Hateful & Criminal Actors



Risk Zone 5

Machine Ethics & Algorithmic Biases



Risk Zone 6

Implicit Trust & User Understanding



Risk Zone 7

Data Control & Monetization

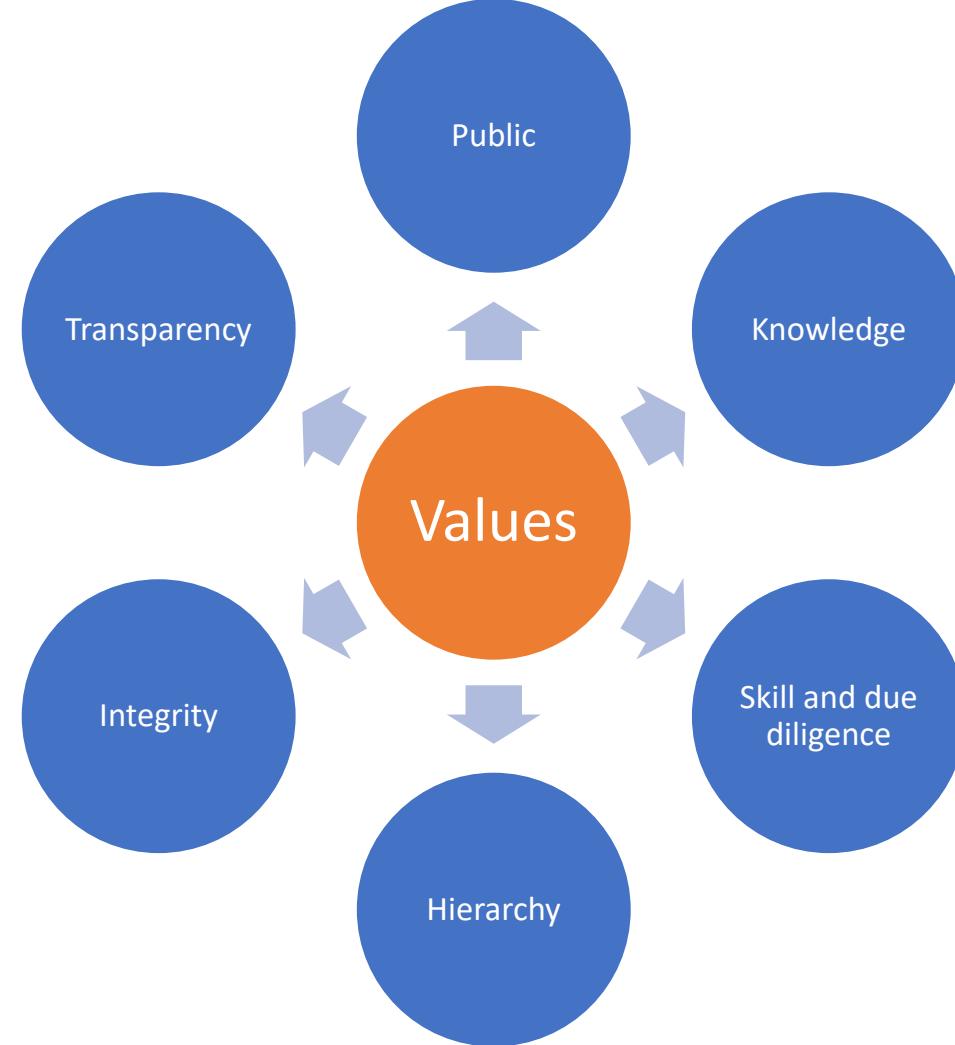


Risk Zone 8

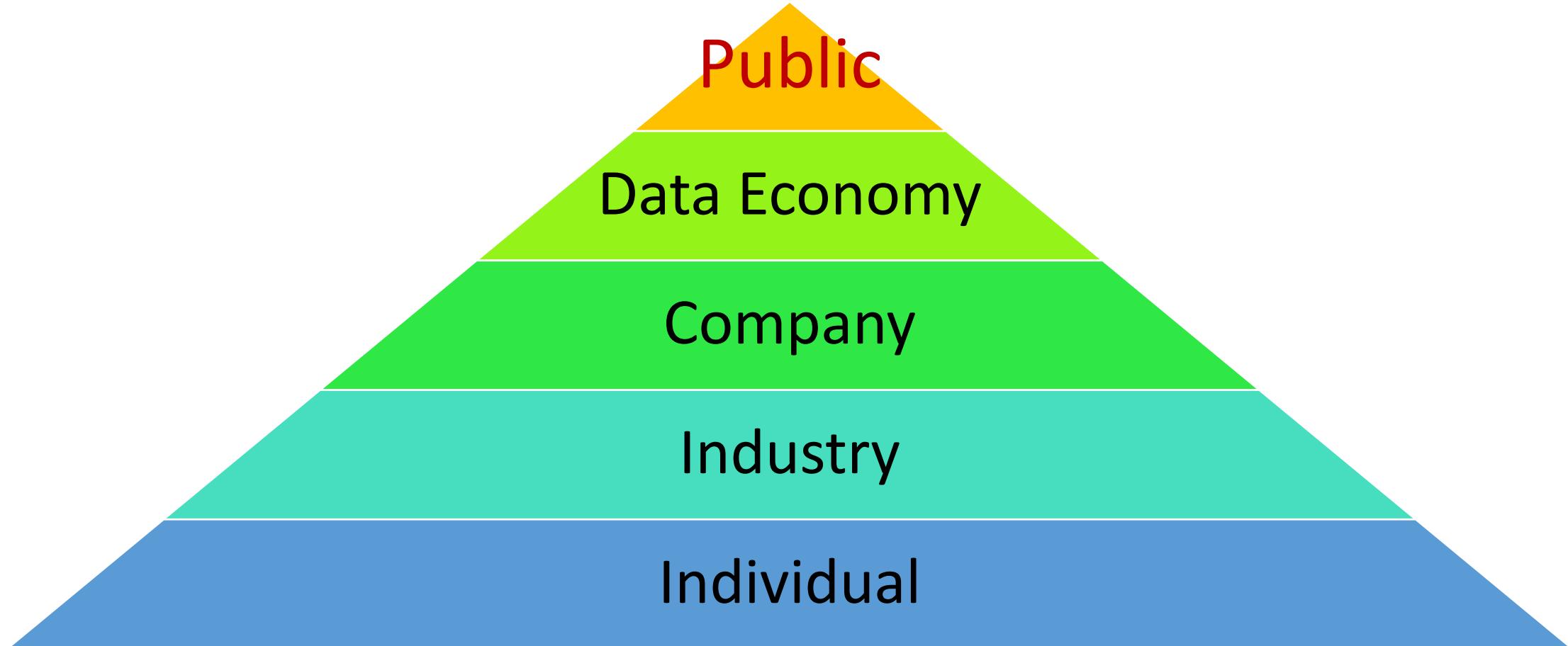
Surveillance State

What do we need then?

Code of Conduct Distillation: Values

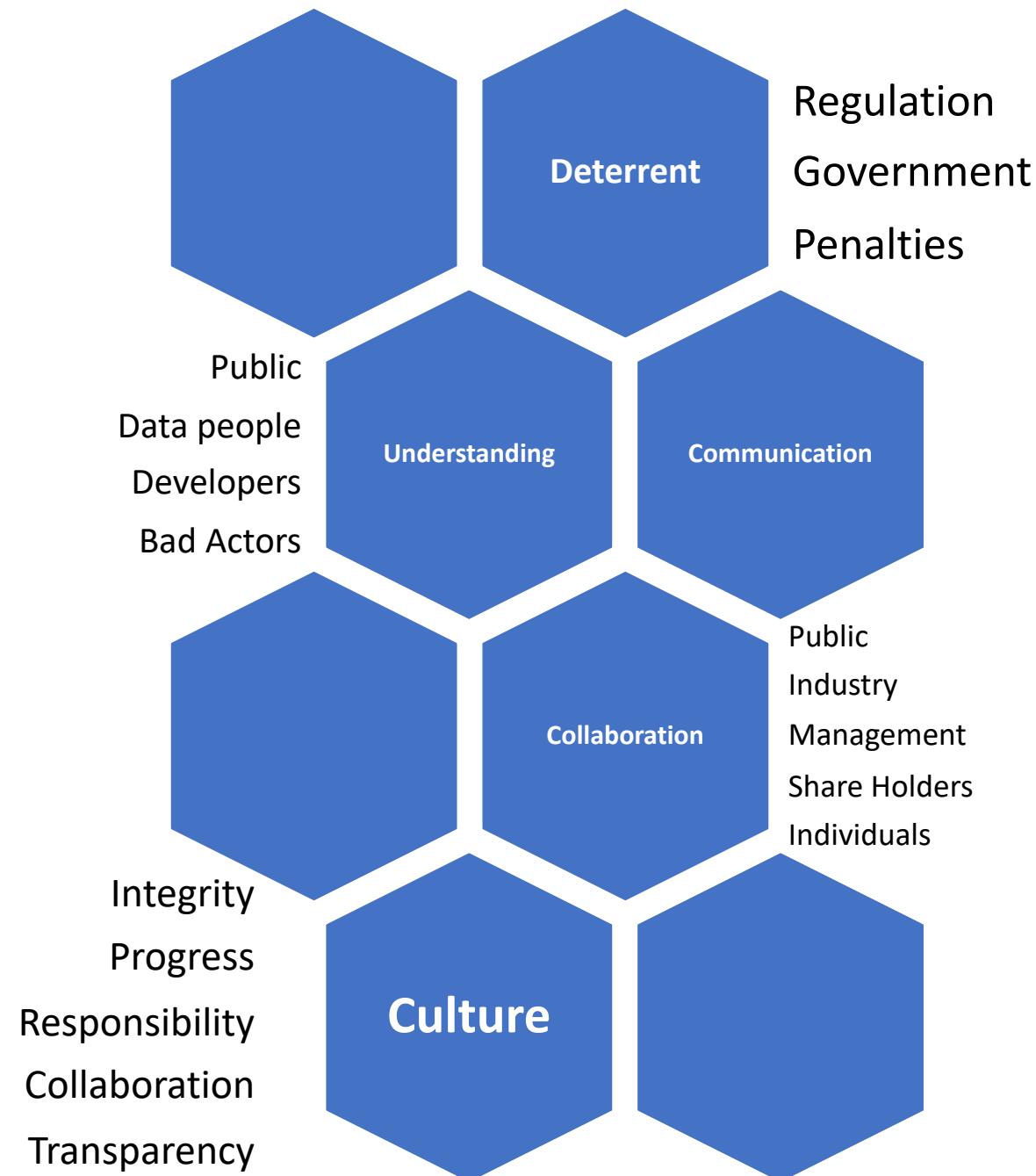


Code of Conduct Distillation: Stakeholders



Final thoughts

(and questions)



DataKind Code



- 1. I will actively seek to consider harms and benefits of my work with DataKind UK.**
- 2. I will actively seek to understand the context of the data and tools I use.**
- 3. I will enable others to understand the data and analysis choices I have made, now and in the future.**
- 4. I will actively seek to understand my own limits and the limits of the organisations involved.**
- 5. I will debate and discuss ethical choices**