

Your assumptions are your windows on the world.

Isaac Asimov

Circular Reality

Ilexa Yardley

Data Analysis: Everything Depends on X and Y

X and Y conserve a circle (zero and one).



A famous data analyst produces a three-hundred-slide power-point presentation to tell you everything depends on X and Y (zero and one) (which you already knew) (you already know).

This proves reality is circular.

All of the information in the universe (Silicon Valley, etc.) depends on X and Y (zero and one conserve a circle) (zero and one are circumference and diameter, literally and figuratively). (Conservation of the circle is the core dynamic in nature.)

What Connects Technology to Physics and Mathematics?

A string of characters solves Einstein's problem, explaining the core dynamic across all disciplines.



We use the number line to organize our thoughts around movement. That is, 1 2 3 4 5 is a string of characters that has special meaning to a mathematician, a physicist, a technologist, and, also, to a human. The fact this string of characters articulates a line, diameter of a circle, also has a special meaning.

That is, 1 2 3 4 5, is also 1 1 1 1 1, or 0 0 0 0 0. Or, any other string of numbers, when the subject of our discussion is a string of characters. What stays the same, as we change the characters, is the fact the string, and the characters, in this analysis, articulates (and must conserve) a line.

The relationships on this line are also well known to a human. These relationships all depend upon an adjacent character. And, if you, as a human, do not know the meaning of the word 'adjacent,' you will not be able to decode the meaning of my thought (which, as a string of characters, can also be 'thought

of,' as an idea) (a conjecture, an observation, a movement).

The subject of our discussion is a string of characters...

It is the string of characters we are, at the moment, analyzing, and discussing, and this string of characters, no matter what is in the string, no matter where these characters are 'located,' is always a line, diameter (and circumference) of a circle. This means the entire string of characters, above, from W in the beginning paragraph, to the period at the end of paragraph 4, is a line (diameter of a circle).

It also means, no matter how many characters in the string, the string has maximum, and minimum, two characters, X and X (X and Y) (0 and 1) (circumference and diameter).

One should ask, then, how did I know there were four paragraphs, and did I have to count them in my 'mind' (create a thought) (execute an idea) (destroy a thought and an idea), in order to find the 'string of characters' we are discussing (and analyzing) (the number four) (the paragraphs) (the string).

I have to count them in my 'mind'...

How did I know 4 and four are the same? As a string of characters they are different (and, also, the same) (string of one, and string of four) (word is string, sentence is string, paragraph is string, article is string, magazine is string, book is string).

A string of strings is still a string.

A string is always just a line, diameter of a circle (all the characters, zeroes and ones, are circumferences and diameters).

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So, once again the number line is used by ‘us’ (something we call mind, technically) to analyze (create, destroy) a thought. The string of characters, if it is numeric or alphabetic, is always in a line, even if we are skipping around a page to analyze it.

This is enough to determine everything mathematicians, technologists, and physicists need to determine, in order to determine the meaning of, ‘everything.’ (The circular relationship between a physical and a symbolic system.)

It is not possible to have a symbol without a line. All symbols manipulate a line, as an ancient symbol, on a cave wall, 40,000 years old, proves. This symbol is a string of characters which is, in and of itself, analyzing something, and, used by humans, to analyze something else.

...circular relationship between a physical and a symbolic system...

Any symbol is the circular relationship of a set of two characters, always in a string, the most basic string,

after diameter and circumference, background, foreground.

The fact the analysis is used independent of the time frame is also a string of characters (a line, diameter of a circle).

Everything can be thought of (must be thought of) as a string of characters (used by Google and Facebook, presently, to generate massive cash flow). A string is used by technologists (mathematicians, physicists) for everything (everything is used by the string) (the linear, and circular relationship, between zero and one, circumference and diameter).

Everything can be thought of (must be thought of) as a string of characters.

Therefore, the word time, although the human gives it meaning, is, more simply, just a string of characters, with no meaning whatsoever. Likewise, any other string. In technology, a string of characters is basic to analysis, and, necessary for the manipulation of time (and space). By now we all know this. We call this 'code' and we manipulate the code by coding (circular relationship between code and coding, coding and decoding).

Codes and coding are strings that can be joined or separated, 'codes coding,' 'codescoding,' and the space in-between added or removed. (The apostrophes, added or removed, and-or, moved

around.) In this case the adding and the removing (the moving around) is instructive.

Normally, we think the coder adds and removes the space, but, in actuality, it is the circle that adds and removes the space (because there is a necessary circle surrounding the space, whether it is visible or not). And now we are getting to the crux of this article.

...in actuality, it is the circle that adds and removes the space...

Space itself has to be a circle. A string of characters. A line, diameter and circumference. Meaning, mind, then, must also be space, the circumference (and diameter) of a circle. Where pi, then, is, absolutely, and observationally, controlling everything.

Space is present on the page before we add the string of characters. It is also on the page after we add the string of characters. The space on the page does not change even as we add (or remove) the string of characters. The correct name for space then is a string of characters called 'pi.'

This is because this space is a hidden variable (the constant) between diameter and circumference.

Space itself has to be a circle.

We could also label pi a coupling constant, we could say it is dimensionless. We could say it is a constant

variable. We could say it can be substituted for any variable.

And, if we're honest (techno-logically) (and realistically), we would have to say, pi is in control of the space, and, also the variable. (Because the string of characters 'space,' and 'variable,' from pi's point of view, are exactly, and absolutely, the same diameter and circumference of a circle.)

This is because this space is a hidden variable (the constant) between diameter and circumference.

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So, now we have to begin (and end) our point of view using pi as the mediator (the controller) (the observer) independent of any numeric variable we have assigned to pi.

This analysis of the string is easier now that we know zero and one are X and Y. X and Y are X and X, and, also X and X'.

This means complementarity proves the conservation of a circle (and vice versa), and this is not difficult to see (understand, agree to). (Analyze.) It means complementarity, is valid, only from the human's point of view. From the circle's point of view, circumference and diameter (X and X') are the same. (The number 'two' is constant.)

This means complementarity proves the conservation of a circle (and vice versa).

This also means the conservation of a circle controls everything (X and Y) (zero and one) (true and false) (yes and no) (male and female) (differentiation and integration) etc.

It means the relationship between mind and matter (abstract and concrete) (symbolic and real) (virtual and symbolic) articulates a string of characters, which must always be a line, diameter of a circle.

This means conservation and symmetry (the conservation of symmetry)(Noether's theorem), and all the rest, articulate the conservation of a unit, which is the conservation of a variable, which is the conservation of mathematics, physics, and technology (the study of mathematics, physics, and technology), hence, the conservation of everything (a human knows about) (including nouns and verbs, prepositions and conjunctions, subjects and objects) (language systems universally) (symbolic systems universally).

...a human mind is, technically, and technologically, pi (conserving pi)...

This means a human mind is, technically, and technologically, pi (conserving pi). A human and its background (nature) articulate (and must conserve) a circle. (Mind and matter is mediated and controlled by pi.)

This also means, there is no such thing as a universe, or a multiverse.

It means there is, technically, and the mathematician-physicist-technologist has to be technical in order to survive, where technical is another string for technological, and logical is not always logical (technological), there is only such a thing called circle, and its dominating relationship to the string, or the thing we call a line.

...logical is not always logical (technological)...

This solves Einstein's gravity problem.

And, for humans (of all disciplines), it explains the redundancy (and the fungibility) (the chaos) (and the order) all around us (basic reproduction of X to Y, zero to one).

Visualizing everything as one string of characters gives it (accurate) (technological) meaning, and solidifies the physical (and virtual) system study, so it can more realistically be applied (and analyzed).

Conservation of a circle is the core dynamic in nature.

X and Y is X and X. X and X'.

Zero and one. Circumference and diameter.

Conservation of a circle is the core dynamic in nature.

What is the Difference Between a Human and a String?

The human's use of a string depends on the human's life on a string.



What is a string? Most basically, a line, diameter of a circle.

A diameter must also be circumference, hence the basic relationship between a zero and a one (circumference and diameter) (literally and figuratively).

This explains the relationship between a human and a string (mind and matter) (artificial intelligence and human intelligence).

Rethinking Reality: The Circular Relationship Between Artificial and Real

Zero and one are circumference and diameter, residents on a string.



There is a circular relationship between a zero and a one, a computer and a code, a code and a string.

This means all of everything (any noun or verb) lives, quite easily, on a string. Therefore, the code and coder, coder and decoder, are, most basically, a string (zero and one).

Meaning, there is a circular relationship between identity and string (mind and matter) (artificial and real).

Understanding The String

A string of characters, any length, articulates (and conserves) (diameter and circumference of) a circle.



All of technology is dependent on a string (zero and one). A string of characters, any length, articulates a circle (because any X and Y are joined and separated by diameter and circumference) (X and Y is one and two).

Therefore, the basis for reality is the line (any X and Y create a line) (any direction makes the opposing direction real).

Therefore, yes and no is you and me, virtual, technology.

How Do You Fit Into the World of Strings?

Pi is the controller (called mind).



Mind is not a singular event. It is, as we now know, the circular relationship of X and Y (0 and 1) (F and M) (S and M), more formally known as 'pi.' This means you are a zero and a one (circumference and diameter) in the world of strings. You are not, obviously, the only 'zero' and-or 'one.'

However, any number of zeroes and ones (any string) reduces and expands (reproduces, and conserves) one 'zero' and one 'one.' Which means 'two' is the only number 'one.' Which means, from your point of view, you are the only 'one.'

Be careful here. There has to be, at least (and, at most), one other, number, 'one.' (Complementarity is the controller of identity.) (From the human's point of view, only.) (Pi is the absolute, and infinite, identity, from pi's point of view, only.) (Mind is dimensionless.) (Something only you can know.) (Accept, use.)

The First Person Narrative

Life and death conserve a circle.



Both life and death conserve a circle, because you can't have one without the other. This is true for everything (any X and Y) (X and X') (X and X).

Therefore, the first person narrative articulates life in a circle with death, and the third person narrative articulates death in a circle with life, and, depending on, what time of day, and what time of year, when and where (and if) you were born, you will choose (prefer) one over the other.

Doesn't matter. From the circle's point of view, we all end up in the same place (second person narrative). (Neither life nor death, always life, always death.) Half of everything is, always, everything.

π

X and Y are zero and one (circumference and diameter), literally and figuratively. This is the basis for intelligence, virtual and real. Solves the duality dilemma that has plagued mankind for 40,000 years, and provides the underlying structure for mathematics, physics and technology (in 24 pages).

Provides the foundation for 'new physics' going forward, and answers this question: is the universe intelligent? Illuminates the ancient relationship between science and religion by providing a cogent explanation for cave-dweller paintings. Clears up the confusion produced by Einstein's four-dimensional space-time.

Gives mankind a reason to 'give up the search for meaning.' Explains the structure, and provides the hidden existential 'thesis' in literature and philosophy. Integrates biology and physics, provides clarity around cycles in economics and history, and makes a simple case for a unified, global, technological future.

Unifies gravity, relativity, uncertainty. Sequence, repetition, reproduction. GUT/TOE for physicists, second coming (or third, first) for spiritual leaders. Explains identity, and its mathematical relationship to psychology.

Clears up mind-body problem, determinism, causality issues, etc. Provides the rationale and the

mechanics for the core dynamic in nature. Eliminates the problem of zero, and infinity.

Restores sanity to science (and mathematics) (and, also, religion).

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Ilexa Yardley was the first to figure out the core dynamic in nature is the Conservation of a Circle (The Individualist 2017, The Master Algorithm 2016, The Conservation of Identity 2016, The Enlightened State 2016, Quantum Entanglement 2015, Common Sense 2015, Complementarity: The Key to Nature 2014, The Single Body Problem 2014, Conservation of the Circle 2013, Conservation of a Constant 2013, The Circular Theory 2010, Absolute Intelligence 2005, Relative Realities, Partial Truth, Opposite Approach 2002).

Conservation of the Circle solves the duality dilemma that has plagued mankind for 40,000 years, explaining why complementarity (constant opposition) (a hidden circle) is the basis for everything. A liability is an asset (and vice versa) meaning 50-50 is both the constant and the norm.

This insight is easily used as a strategic thought weapon, a shortcut, for the genius in every person who wants to maximize the cognitive dissonance (minimize the chaos) called 'reality.' It is easily identified: most important discovery (insight, oversight, foresight) of all time.

Review the material and decide for yourself:
[Twitter/Ilexayardley](#) and [Medium/Ilexa Yardley](#) for
more info.

Yardley, a [technologist and financial professional](#)
(MBA, NYU Stern), is now retired.

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