# \<G\>

In our view, there are two ways to deal with the entire market as a whole. You can be the traditionalist view and serve only that which exists in the traditional financial world. Or be the alternative and be those that build continuously with the aim of one day taking down the traditional world and building towards a new world order with the alternative. We Gideon, believe why not build a structure that has the best of both world composites? You read that right, an entire world structure that is built with fiat mixed crypto composite currencies. Digital assets function as fiat in every day to day life with the seamlessness of paper money. Going to Dunkin', AMC Theaters, and even Home Depot. Now how does that come to be? This is not a theoretical hopscotch paper, this is a high-level theoretical mathematical paper that I, Mr. Jonathan B. Samuel have spent the last six years breaking down to the simplest of languages that everyone can understand.

At the expense of his mental health, being admitted six times, and facing the demons of tragedy and trauma in his life. And yet he did not yield. He did not quit. As he understands then and understood now, this is about liberation. Not just freedom as that will always have the cost of life towards it, liberation does not require the expense of freedom as it is the base thesis of blockchain. Consensus. You see the Byzantine Generals problem all had the same problem, they had to serve the ambition of a King. Now the Byzantine Generals problem meets the Azantine Emperor's Solution.

The Generals face their commands and tell their men.
"Men! Why must we conquer a city that has only the interest of our King? For his coffers? For his spouses? For his heirs? And what for us? Carnage. Death. Decay. Destruction. Is this what is befitting to soldiers such as us?!"

The men looked in awe at each other with the fear of treason. Then a Commander, one who had earned the respect of his men. Who had fought valiantly even to the point of breaking his back with his men. Walked with a stilt on one side. At the sight of the Commander walking toward the General's mount. The entire army rose and began beating on these shields screaming to the heavens.

'O, Commander! One who defies death for Us! One who broke his bones for Us! One who marches with us into Battle. What must we do Commander!"

A hard fork to the traditional Byzantine Generals problem. How do decentralized parties achieve consensus without a centralized party? By forming a Commission. A centralized decentralized organization. CDO. That can only act with the ability to deploy resources and the end result is the outcome that creates what is known on the street as a 'Regulator'.

An entity to call the shots for each organization and effectively carry out any counter-attack to take the entity city. The Constantinople of the world. Taking the same tactics of Mehmed II and applying them to the digital battlefield. The formation of Pashas. Twelve elected members as Pashas form the Commission. 12 members in the Decentralized Commission Organization. The DCO.

"Begin Men! Mount the Assault! Take the City!"

The General is dead. The Commander has now become the Shah. With his Commission.

Now the Pashas were in each battalion that circled the city. Each with specific orders. One would mount the assault as fodder. Two would shoot with archery from the front. Another two would shoot archery from the back. Another four would rain down incendiaries in the city. And the entire army would lead the assault. Beating drums and yelling to the heavens.

"In the name of his name and all of his names that he has! We will take down this city in his name for all of his names and all of their names are his names. BEGIN!"

Done.

When the war was won. The Commander who had become Shah then instructed a general election for eleven more Shahs and 11 more Commissions. A grand total of 121 Pashas and 12 Shahs and One Emperor Shahjahan. The Congress of 133. 133 Quantum Bits per Bit. Higher-grade Efficiency than 256-bit computing, which can be broken by Quantum Computing.

Then Emperor Shahjahan instructed his men that in this day and age of technology, who will come and become my Minister to lead the development of our world? An Orphan walked up to the Emperor.

"I will but I will need complete freedom to do so." The Shahjahan looked at him and said.

"Very well my boy. Give him everything he needs for our world. It is my decree.' The boy began studying mathematics, euclidean geometry, differential geometry, fractional calculus, multivariable calculus, integral, probability theory, practical philosophy, number theory, prime numbers, space in mathematics, logic, proof calculus, mathematical logic, argumentation theory, term logic, stoic logic, Mohism, Anviksiki, Propositional calculus, first-order logic, vector space, topological space, Hilbert space, Probability space, Rational numbers, and four color theorem.

Once he had studied those materials with his disabilities of bipolar disorder and his gift of autism. He began studying axioms, propositions, and mathematical proofs. He became the youngest Professor of Mathematics without needing a formal degree as it was all taught to him verbally through linguistics. Now mathematics was his tool. As the Pashas knew he was autistic therefore they knew the best way for the scholar to learn mathematics was not by numbers but by reading to him. And understanding he did well, he excelled at it. Only needed to read or hear small amounts and know entire ways in dimensionality that would allow him to build out everything that he wanted to build out for the world. When he had finished his learning he went and saw the greatest mathematician and studied with him. Moriarty.

They built a close relationship and in the end, Professor Moriarty asked one thing. 'Do come by for some tea good ole chap. There is a world for us to theorize together.' The boy looked with awe and joy and bowed touching his feet out of respect as that was the custom to do so in Kerala where he is from. The Professor embraced him and said, 'Never forget even though you came from nothing in this world, you now have everything you need to build out the entire world for yourself and for others do not take that responsibility lightly. As they will hunt you for your mind, stand tall and fight.' And as the boy said his thanks to the Professor he turned back to him slyly smilinging and said.

"I am a Professor after all now aren't I, my old friend Moriarty." The professor looked at his grin and matched him for it as well. And the boy made his way back to the 121 Pashas, the 12 Shahs, and Emperor Shahjahan.

"My friend, Professor Samuyil, what have you learned for our world?" The Professor fixed his glasses and his shawl and began.

"Everything, for now." The Congress erupted in joy as they had all done what was necessary on that day, and now the Professor was going to show them exactly what needed to be done to truly bring the power of the state and the state and its power to each member that composed it. Without needing to decay the state. \\

The Shahjahan Standard

There are Zero Knowledge Proofs, asynchronous Federated Byzantine Agreement, Proof of Reputable Observations and Proof of Stake. This is about tying it all together and building a software base that can allow all code bases that are open sources to come together and consequently build a digital confederation. That is equally accessible to each person to build for what they believe in their scheme and ethos, pathos, and logos. As this great King and his Ministers took a chance on this Orphan boy, I call this Codename: Orphan.

Euclidean Geometry is about third dimensional shapes, spaces, and sectors. (x,y,z). It is the third dimensionality of all of the aforementioned objects. Using the icosahedron shape to program a fluid digital mesh that will cover those shapes, spaces, sectors in the standard real third dimension but also the standard inverse imaginary third dimension for all off-chain transactions this way we are able to govern for the entire world that we are creating and the two sided transactions that can be used from their executional shape alone can be done so in the manner of conducting their existing value till it is no longer applicable as the world adjusting in the shape themselves. Of all imaginary and rational numbers consequently. The mesh design being that of an isosceles triangle as that is the strongest shape as to why we see them so commonly in bridges and truss systems.

With the digital mesh now on the object that you have, you now have a fluid monetary processing system that is programmable. This is programmable to the actual throughput of the system at hand and creates a digital storage system, as keeping in mind the objects nature in the third dimension both rational and imaginary. This allows us to conduct monetary programmable transactions that are in that of storage related proximity to the world that we are creating on and to that of the digital ethos of decentralization as that allows each person to be exactly as what is aforementioned for themselves and to conduct themselves for what they want to do so with sovereignty and autonomy.

Directly leveraging Zero Knowledge Proofs and asynchronous Federated Byzantine Agreements this way all entities and elements of the digital entities are truly decentralized and do not need to sacrifice anything as the base bit digitally is at Q133 per bit, asynchronous. Truly belonging to the hands of those that exist in the system. This way there is Proof of Reputable Observations. And as such also done so in a manner that is compliant with the utmost regard to regulatory standards. This way Gaios is a ball and chain system following the mesh that creates the chain. The 'ball' is all of the data centers and or systems that are running off this proof and Gaios is the Universal System Currency. And as such the currency is a monetary chain-link oracle

index system. From the ChainLink and The GRT standards. An MCOIS. Monetary Currency Operating Investment System. For all types of supplies, operations, and systems.

I call this ASTRAL. Asymmetrically Trading Raw Alpha Liquidity. If you want to own your own french swimming pools ASTRAL is the key. To then use ZANES, Zero Asset Euclidean Systems. Which then uses the Icosahedron shape mesh plants to intertwine with the Gaios monetary mesh and forming G.
A single operating system for all crypto-fiat mixed composite currencies from the Gaios Standard unified as layer 2, 1, 0 of traditional financing through Gaios.

Global Asset Interweb Network Operating System.

A currency, A network, A operating system. For all currencies, networks, and open sources OS. Backed by the Earth.

The Earth's earth, water, air, dams, reefs, oceans, and soils.

And this is the formula for it. <P.S>

$+- \ Average \ (Imaginary)[x \ less \ than \ or \ equal \ to \ < \ \sum null \ matrix >greater \ than \ or$

equal to x factorial percentile ] (Rational numbers) Average -+

With the values that go into X compiling itself into Monetary input (Mi), Monetary output (Mo), Bridge 1 M_inter, and Bridge 2 M_outer.

The World was already ours, they told us over years of writing history that it was not. Now we dive into a deeper understanding of what needs to be done in the traditional sense of why decentralization is typically viewed as a challenge.

Decentralization. Security. And Scalability. Everyone, you see this formula is the net generation application of Non-Cooperative Game Theory. It is how the great Emperor and his Pashas on that day were able to successfully form the first DCO. A core-centric ethos, pathos, and logos for the attack on the cities that we have conquered that are under our empire. This formula is coupled only with that of what we now know as Chaos Theory. Chaos is the natural order of the world that we live in. For centuries many great mathematicians before myself have all tried aimlessly to control it. How is such a feat possible? To control the natural order of the world is to control the world itself, and that to a singular person is to do so as a centralized entity. This cannot be as such my brothers and sisters. Therefore the only way to act as such is to create the bridge and

choose which of the Doors we will enter as Chaos Theory itself in a graph shows that it begins after the 5th interval and our transactional basis is to complete one turnaround in 5mirco seconds of completion in one cycle. Do you see where I am going with this now my People?

The crowd looked on with puzzling faces. The Emperor understood and told him to begin. When I was young in my tutelage with the Pashas I developed a baseline algorithm that can be used to understand the potential of all countries around the world for their investment in what we conduct as trade or better known as Foreign Direct Investments [FDIs]. Now I will expand on such and bring to discuss my analysis of the algorithm and its design.

How do we analyze potential across global capital markets for Foreign Direct Investments? [FDIs] Can we as a consensus using a nation's financial history and deploy the complete set of information that we will have in this discussion to determine how we are going to actually invest in each other, amongst one another, and by one another?

Investment Banks use creditworthiness to determine the legitimacy of those who are going to borrow credit from creditors all the time. Credit is moved, created, swapped, and backed in real-time within the market across the globe. It is one of the core tools that drive the global financial market forward, the other being liquidity.

This analysis is driven towards understanding a nation's historical track record to derive its own *'Credit Worthiness'*. The administration of any nation is driven towards creating business opportunities that support its economy internally as well as for its citizenry but to also use those internal opportunities to create a driving force to welcome Foreign-Direct Investment(FDI) into its financial markets.

The core countries of focus for this analysis are located within the continent of Africa and compile 13 nations that are the following.

1. Algeria
2. Angola
3. Central African Republic
4. Ivory Coast
5. Egypt
6. Kenya
7. Mauritius
8. Morocco
9. Nigeria

Banking, Debt, Financial, Inflation, and Systemic Crises cover from the range 1860 all the way up to 2014. To create an assessment for investors these are the core steps that will cover how we eventually achieve that ability to determine on our own HOW we should value a nation's investment 'worthiness'.

1. Historical financial health analysis specific to leading emerging market nations within the dataset.
2. Mobility of credit and liquidity to the nations of our analysis. The framework itself will be **malleable in any sector of the *INVESTOR's* choice.**
3. Understanding a nation's financial past to see its investment future by investors.

To better understand the usage and allocation of capital within emerging capital markets from their historical trajectory and current market stability.

You see, my people, with this level of technology in our hands in the final completion it is our ethical responsibility to actually invest in the world and on behalf of the world. **ASTRAL** will allow us to actually move as a decentralized capital market that can act for the benefit of the world around us. **ZANES** allows us to actually store our transactions in the third dimensionality and actively determine which types of data are crucial for storage and investment in the world around us. **GAIOS** as a currency and operating system will allow us to decisively use a currency of liberation for the entire world to actually benefit its people irrespective of who they are and what they are coming from. They are our people and it is our moral responsibility from the school of rational thought in the philosophy of that of aesthetics. What is good, true, and beautiful in utility for the world is actually beneficial for all people even down to the simplest forms of life that are only simple to our eyes and not that of their organic composition.

Provided by the International Energy Agency, with respect to the thirteen nations that we will be analyzing. **Algeria** has greater than 99% access to electricity. **Angola** with 43%, **Central African Republic** with 3%, **Ivory Coast** with 76%, **Egypt** with greater than 99%, **Kenya** with 85%, **Mauritius** with 99% (it's to the right of Madagascar which has 39%), **Morocco** with greater than 99%, **Nigeria** with 62%, **South Africa** with 94%, **Tunisia** with greater than 99%, **Zambia** with 37%, and finally **Zimbabwe** with 53%.

This should also serve as an example of the broad scale of investment opportunities that are present in the continent of Africa today that can be used to build cooperative relationships between the investor and the investment. More stability within the economy itself can drive further opportunities for growth internally which will also attract foreign investors.

Access alone is worth nothing if you are chained to the floor, and mobility by itself is in itself worth nothing if you have no access in life. Remember where we are exactly the people who had nothing in life, not because of our lack of potential but because of the lack of mobility for our potential. Blockchain as a technology is about removing the chains of money that bound us to a life of subjugation and control of the world around us instead of it as such bound the world to us.

For the datasets that we used for this problem, the initial dataset was provided by Kaggle. It was under the title **"Africa Economic, Banking and Systemic Data *(Data on the Economic and Financial Crises in 13 African countries from 1860 to 2014)*".** Within this dataset, for the thirteen African stats that I introduced, we have the values assigned to the following variables.

*[Country Code, Name of Country, Year of Observation, Systemic Crisis, Exchange rate to U.S Dollar, Domestic Debit, Sovereign External Debt, GDP Weighted, Inflation Annual CPI, Independence, Currency Crisis, Inflation, Crisis, and finally Banking Crisis.]*

The limitation that appears when it comes to the dataset is that it does not provide us with a picture of the mobility of their economies and their relation to the global economy. And this understanding is key as it will tie in with the very last part of my analysis. This baseline algorithm will be the base function for any unit of the **Gideon Network.** As the word Gideon in Hebrew means 'He who Cuts down.' As we had defeated the monarchy ourselves and taken the cities by storm with the Commander and the Pashas through the Decentralized Commission Organizations. And now have a congress that must face its next inevitable change in the design that will give all of our people the ability to live as we all have in the security of our posts.

### *Hypothesis:*

H0:$\beta1$=0 vs. *Ha:$\beta1$*≠0

What will we set for our Null Hypothesis and our Alternative Hypothesis. When a nation faces a systemic crisis, banking crisis, has a considerable amount of debt, and inflation if it is able to overcome a currency crisis and maintain stability for its currency within foreign exchange markets then credit and liquidity will flow into the nation. Where the

borrowing activity, ease of financing, and mobility of financial architecture will dictate the level of Foreign-Direct Investment(FDIs).

*H*o: There is not a significant statistical relationship between the number of recorded instances of a nation going through a **currency crisis** and **inflation** which influences the *flow of capital invested* into a nation.

*Ha*: There is a significant statistical relationship between the number of recorded instances of a nation going through a **currency crisis** and **inflation** *the flow of capital invested* into a nation.

Every single crisis of some sort has been the root cause of currency fluctuations in the market. To the Breaking of the Bank of England to the collapse of the United States Housing Market. Currency is the root that we must address if we are to actually solve the problems in the world around us. And that will also be addressed at the end of the technical baseline algorithm analysis as well.

Baseline proofs of systematic currency failures only show that our currency, Gaios, has the ability to build digital currency composition equivalents of the sovereign currencies of the nations. Remember we are not here to remove the power of governments, we are here to ensure the citizenry has equal power to the governments as we the people are the ones who elected the governments and we the people are the people who compose the governments. That is a check. That is the balance of order in the world around us.

<.... Enters programming .... >

```
#import libraries
```

```
import pandas as pd
```

```
import seaborn as sns
```

```
import matplotlib.pyplot as plt
```

```
import numpy as np
```

```
from statsmodels.formula.api import ols
```

```
import scipy.stats as st
```

```
africa.shape
```

```
africa.info()
```

```
africa.describe()
```

```
africa.isnull().sum()
```

```
#Converting Str values in 'banking_crisis' to Int values.
```

```
africa['banking_crisis'] =
africa['banking_crisis'].replace(to_replace='no_crisis',
value=0)
```

```
africa['banking_crisis'] =
africa['banking_crisis'].replace(to_replace='crisis', value=1)
```

```
#then check for the new dataframe and how the data is fit.
```

```
africa.head()
```

```
#Edit Africa df to only country, year, and crises type.
```

```
africa_clean = africa[['country', 'year', 'systemic_crisis',
'currency_crises', 'inflation_crises', 'banking_crisis']]
```

```
africa_clean.head()
```

```
#Cut and organize the countries into their own DataFrames
```

```
sa = africa_clean[africa_clean.country == 'South Africa']
```

```python
ni = africa_clean[africa_clean.country == 'Nigeria']
```

```python
eg = africa_clean[africa_clean.country == 'Egypt']
```

```python
an = africa_clean[africa_clean.country == 'Angola']
```

```python
kn = africa_clean[africa_clean.country == 'Kenya']
```

```python
final_africa = [an, eg, kn, ni, sa]
```

```python
results = pd.concat(final_africa)
```

```python
results.head(200)
```

```python
#show statistical values of finalized df
```

```python
results.describe()
```

```
1 sa = africa_clean[africa_clean.country == 'South Africa']
2 ni = africa_clean[africa_clean.country == 'Nigeria']
3 eg = africa_clean[africa_clean.country == 'Egypt']
4 an = africa_clean[africa_clean.country == 'Angola']
5 kn = africa_clean[africa_clean.country == 'Kenya']
6
7
8 final_africa = [an, eg, kn, ni, sa]
9 results = pd.concat(final_africa)
10 results.head(200)
```
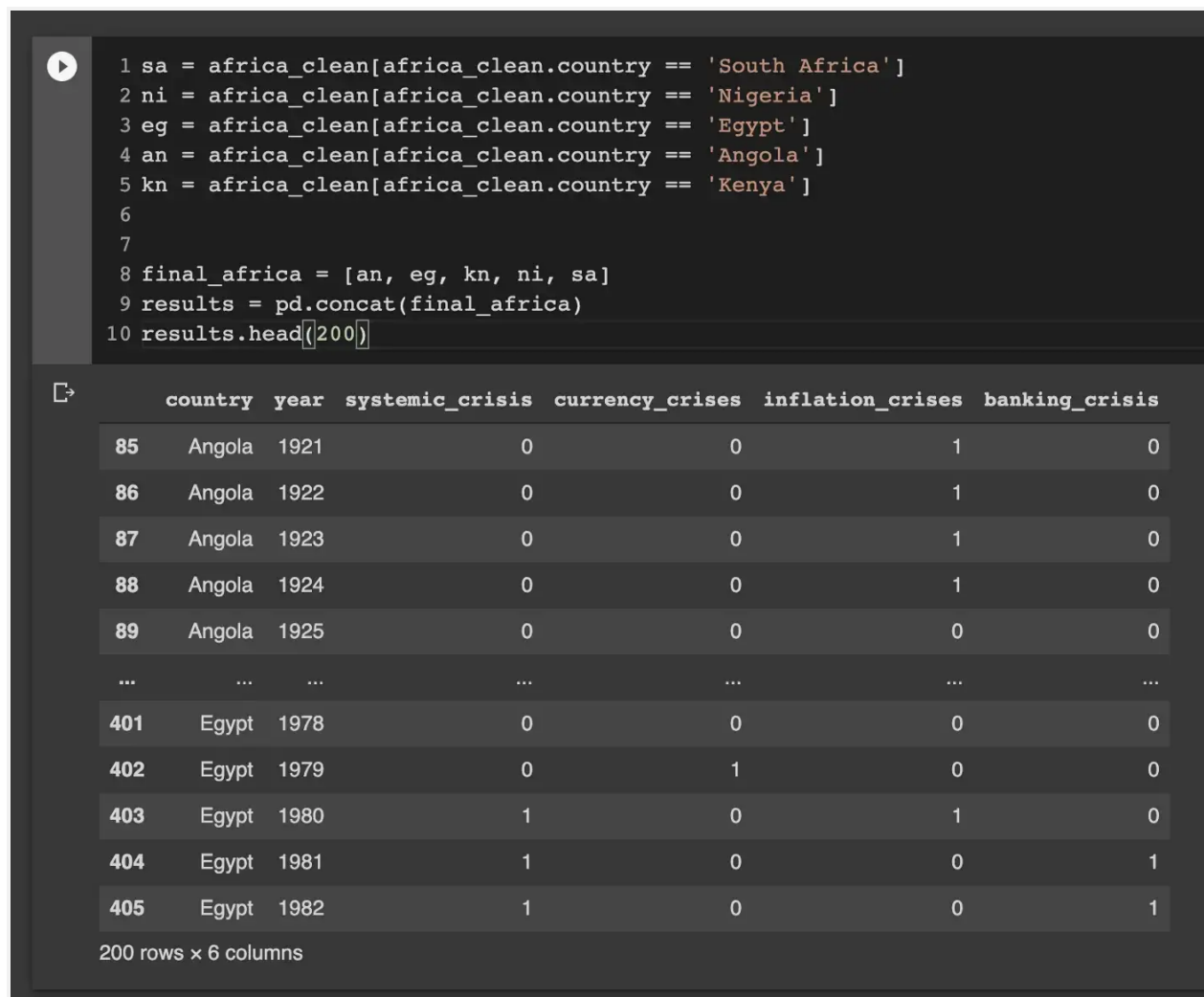
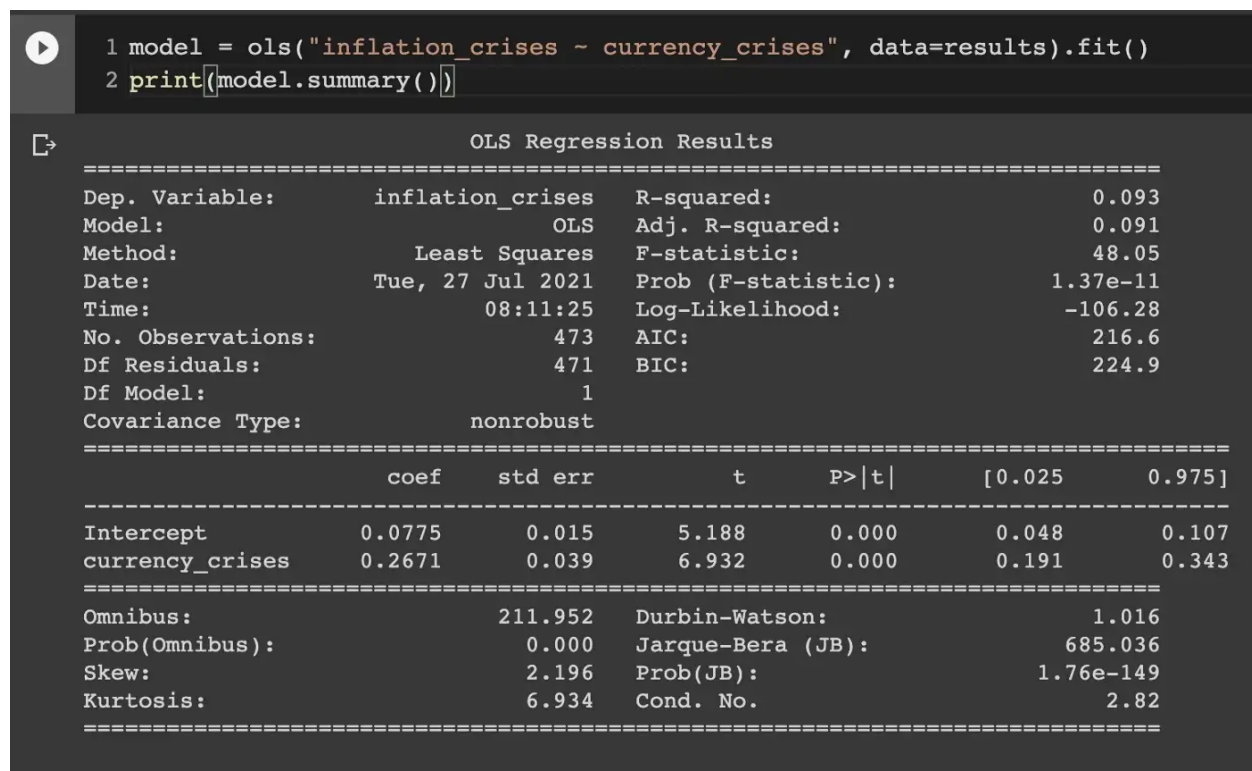| | country | year | systemic_crisis | currency_crises | inflation_crises | banking_crisis |
|---|---|---|---|---|---|---|
| 85 | Angola | 1921 | 0 | 0 | 1 | 0 |
| 86 | Angola | 1922 | 0 | 0 | 1 | 0 |
| 87 | Angola | 1923 | 0 | 0 | 1 | 0 |
| 88 | Angola | 1924 | 0 | 0 | 1 | 0 |
| 89 | Angola | 1925 | 0 | 0 | 0 | 0 |
| ... | ... | ... | ... | ... | ... | ... |
| 401 | Egypt | 1978 | 0 | 0 | 0 | 0 |
| 402 | Egypt | 1979 | 0 | 1 | 0 | 0 |
| 403 | Egypt | 1980 | 1 | 0 | 1 | 0 |
| 404 | Egypt | 1981 | 1 | 0 | 0 | 1 |
| 405 | Egypt | 1982 | 1 | 0 | 0 | 1 |

200 rows × 6 columns

We can see even amongst the chart that across the standard distribution across the four categories, the highest category of value is 'currency_crises' followed by 'inflation_crises'. We can understand that from this initial assessment of our newly established data frame. Now for our OLS Regression Assessment to understand the relationship between Currency Crisis and Inflation Crisis. Inflation will be Y and Currency will be X since inflation is a naturally occurring factor within the market itself and a currency crisis is not. There is a reason why this algorithm that I designed first in the course of my research went into the entire planning of the Proof that supports Gaios. This way, we will be able to see any types of collapses that are coming for countries around the world and give them the tools they need to circumvent them, using the natural econometric cycles of booms and busts for their liking.

```
#OLS Model between Inflation and Currency Crisis for Results df
```

```
model = ols("inflation_crises ~ currency_crises",
data=results).fit()
```

```
print(model.summary())
```

```
1 model = ols("inflation_crises ~ currency_crises", data=results).fit()
2 print(model.summary())
```

```
                          OLS Regression Results
==============================================================================
Dep. Variable:       inflation_crises   R-squared:                       0.093
Model:                            OLS   Adj. R-squared:                  0.091
Method:                 Least Squares   F-statistic:                     48.05
Date:                Tue, 27 Jul 2021   Prob (F-statistic):           1.37e-11
Time:                        08:11:25   Log-Likelihood:                -106.28
No. Observations:                 473   AIC:                             216.6
Df Residuals:                     471   BIC:                             224.9
Df Model:                           1
Covariance Type:            nonrobust
==============================================================================
                    coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------
Intercept         0.0775      0.015      5.188      0.000       0.048       0.107
currency_crises   0.2671      0.039      6.932      0.000       0.191       0.343
==============================================================================
Omnibus:                      211.952   Durbin-Watson:                   1.016
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              685.036
Skew:                           2.196   Prob(JB):                     1.76e-149
Kurtosis:                       6.934   Cond. No.                         2.82
==============================================================================
```

From our OLS Regression we understood that there is in fact a relationship between Inflation Crises and Currency Crises that a nation will encounter which has a direct impact on its ability to maintain credit and liquidity amongst its borders and in turn leverage a stable economic environment to attract Foreign-Direct Investors(FDIs) for direct investment into the nations of question. Our P-Value was below the 0.05 baseline that we established whether or not to reject the Null Hypothesis and or to fail to reject the Null Hypothesis.

The increase of currency crises that a nation faces in its historical duration of existence and the frequency of that information itself shows that there are weaknesses that are present in the economic infrastructure of its capital market and or its administrative faculties that provide in itself investment potential for the nation and nation-state partners. Inflation is a measure of the currency's purchasing power against comparative goods of value and commerce within a nation, but a currency crisis is the failure of a foreign exchange rate from a lack of reserve funds to maintain liquidity pairings with the sovereign state's currency and other sovereign currencies. Therefore when it comes to the allocation of investment capital we want nations that have a lower frequency of their historical data of a currency crisis. We don't want the Soros of the world to create their own 'Breaking the Bank of England'.

The congress was in an uproar, it was the first time that someone has presented the theory of humanistic investing, investing for the welfare of the world. As they learned that day.

Public and or Private Welfare Investments [PWIs] that can be deployed for the gain of Foreign Direct Investments [FDIs] by directly deploying the technology in the home country of the nations that the confederation would work with. A completely different style of investment would change the course of the world as it had already changed the course of their thinking. That was the battle that Professor Samuyil wanted to change as Moriarty had warned him that when he goes back the Pashas and the Shahs close to the Shahjahan will seek to use him in the way of deposing his teacher who gave him the blessing that began his journey. He had non-violently checkmated the entire congress with just his word alone as his tools and his mind as his weapons.

You see my people, this baseline algorithm will allow all of us to be able to actively become the world's first Humanistic Investors of a new form of capital, Humanistic Capitalism. It does not mean you need to give your profits away or do more or less than those around you. Do what you do best and to the best that you do it. Be the Human Being you always wanted to be, be more than altruistic. Be the person you never had growing up. You never saw in yourself till it was too late. As this, is your digital baptism. Everything that I have done so far in my research with the blessing of Shahjahan is to continue his legacy of service to his people. His legacy of doing what needs to be done regardless of the consequence to the world around him and that being his world. Personally. As now you know the first half of our currency's purpose is now for the second half for our currency's stability. \\

### *The Gaios Algorithmic Proof*

Using the aforementioned mathematical standard we are backing our currency not just to the value of the objects on earth. It will be to the average aggregation proof of currency instruments. The proof is simple and works as such. It will aggregate the rates of bonds in the market across all 197 open share markets*(to change based on regulatory standards). After it aggregates that of 197 countries it will average them out to a single base percentile that is adjusted on a rolling basis with market prime. This way for all the debt in the world and the entire credit market itself which is currently valued at $119 Trillion United States Dollars. There is a singular currency that can move all of the liquidity for it around the world wherever credit is needed.

//The congress began to uproar again. As they understood now that they would effectively be the banks of good hope in the world around them. All respect for their communities, cultures, creeds, and credit.

You see, brothers and sisters this way Gaios is a Universal System Currency. YoU will have Saved the Country my congregation. And now for my summation. This way each DCO with its own Shah can become a federation within the confederation. As we are in fact using aFBA. This way since we are all using the Universal System Currency of the network, each person is a DCO and a Shah. The crowd went silent as it meant even in a revolution as such to depose the Shahjahan would be a bloodless revolution and in that manner of as such the Shahjahan knew what Professor had done for him. The Emperor then stepped down from his throne and walked toward Samuyil.

"Yohanna, come with me for a second." The entire congress stood. They both walked to the edge of the congress.

"You know what you have done for me correctly? You have given me the ability to remove the crown that weighs on my head and finally be at peace with my family. The crown is yours, my son. You are my rightful heir. I have no need to continue what I know will end in the manner I can already see therefore as such, finish it, my son. I will go with my family now. I have waited years for this day to come and now that it is, it would not be fitting for me to be here when it is carried out. For the boy who had nothing, you have become everything, Professor Yohanna Samuyil, even without a degree. You are the greatest of scholars to have entered this Shahjahan's court. It is my greatest privilege to have known you and know you firsthand." The Emperor and Professor Samuyil shook hands and he embraced him, the freedom of no longer needing to keep the crown on his head anymore.

Yohanna walked back into the congress and the congregation was beating its floor excited to learn how it would finish.

With each person as a DCO and each person as a Shah, this allows all of our people to have sovereignty, autonomy, and freedom amongst themselves as they are no longer bound to any system, institution, or ruler. You are first of All Free Persons. This is the name of our confederation my congregation. The AFP Confederation. You can directly do all the financing amongst yourselves or just yourselves as they will all start with the same allocation of currency, except for me.

"Professor, who are you to determine that you will have more than us when you explained exactly the type of investment, theory, currency, and capitalism we will be deploying!?"

The Professor fixed his glasses and kept a straight face.

"I am Originator. Operator 555. Your Treasury. The Khanate. You see my friends there is no longer a king, there is no longer a pasha, there is no longer an emperor, and there is no longer any form of the traditional system of monarchy. You are all federations amongst the people you welcome into your federations. This is the AFP Confederation. The Azantine Freedom Patriarch Confederation. Azantine stands for my sister, Ashley who died at the hand of a system. And I told myself that from her death I would build. Build so far and so great that no man would dare contest with the machinations of my mind that I have materialized into the matter in the world itself of matter. As we learn in Thermodynamics that energy cannot be created nor destroyed only transformed. Her death transformed me from the boy that had a sibling to love him. A sibling rubbed his temples when he suffered from migraines. A sibling to give him counsel and care. This world because of its inefficient systems robbed me of my truest love. I hated the world for it. I hated the people for it. Do you think you want freedom? Freedom is the cost of living! You dare quarrel like dogs and then come to me for freedom?! No. This is about removing all structures so that the strongest may survive. I present to you the greatest of my machinations. Gideon. The world's first and only Asynchronous Federated Personnel Consortium, aFPC. And this is the design for it. This way each person on the network can operate like a digital military company and or a financial corporation for all engagements. I will be your banker. Since we are a confederation and our goal is the light we must be able to operate in the shadows. I have always loved being in service. It is what made me a great student. My aim in life was only to be of service to the greatest of minds that taught me everything that helped me become who I am now. Now, these are the rules of engagement.

MinMax: Minimize all maximum points of impact per severity.

MaxMin: Maximize all minimum points of impact per engagement.

There are no rules except for the first two. Break either, the Company will handle.

This paper is for the direct generation and creation of FPCs to stop all that aim. For the

World and all of Her Allies.

Gentlepersons are you ready to be debriefed on the final steps that will allow you and your companies to truly be of service to the World?

At first the men where in hesitation but after careful consideration they knew that what the Professor was talking about was the right course of action with this much power in the hands of each individual it was the proper thing to do. And at the same time the Professor was the Treasury. "Genltemen the world is in need of the next generation of financiers, businesspersons. Therefore as such I will provide you the financing within the right causes to do so and give you the tools necessary to do so. You all have three standard tools in your arsenals that are equitable to all of you the manner of how you conduct yourself and use them I will leave to your discretion. The first is **Gaios**, our currency. Since it is fiat-mix crypto composite. It will be able to operate in any sovereign nation that accepts both fiat and or crypto. You have an unbanked currency to directly finance developments across the world. You can do so in your native countries, you can do so in the countries you are domiciled in, anywhere on God's green earth that uses money to solve its problems you are the money they will use to solve its problems. The second is **ASTRAL**, with this currency system and its operating software using **ZANES you will be able to provide liquidity, deep, and storage, high.** All three together work to create a financial blackbox to move all operations as needed into the endgame. The endgame is as stated, to remove, reengineer, apply, and execute. You will all be the next generation of Financial Engineers. Welcome to Gideon Laboratories." All of the companypersons looked excited, filled with discernment and meticulous precision on the next steps of what it was that they were going to do.

"Here is the final lesson of my analysis. After you understand this you will be able to do anything that you want to do it is my magnus opus, I call it the Control of Digital Fault Tolerance. With this similuation of this formula you will always be able to see the stress factors within the chaos of your operations as I integrated it with my aforementioned formula and came to create it similar to the logic of a piece-wise function. This formula addresses all of the traditional concerns since it is a summation of values that come to the null matrix. The very conditions of the game that you will all be playing through Non-Cooperative Game Theory. The entire analysis together has a name that I will share

with you now, **Multivariate Singular Theorem, its foundations are from discontinous integrals in Calc II the one most commanly used in Newtonian Physics.** The ability to change the chracteristics of the confederation all the way back to 0, in any direction. It took me many years to be able to build the formula, as that is the hallmark of mathematics, the confederation will always begin at the center of chaos and move with it in all of its designs and forms to better the world around us.

$Xn + 1 = Lambda\ Xn\ (1 - Xn) - Chaos\ Theorem$

$X\ less\ than\ or\ equal\ \Sigma\ Null\ matrix\ greater\ than\ or\ equal\ to\ X!\ \%$

$Xn + 1\ less\ than\ or\ equal\ to\ \Sigma\ Null\ matrix\ greater\ than\ or\ equal\ to\ Xn + 1!\ \%$

$Lambda\ Xn(1 - Xn)\ less\ than\ or\ equal\ to\ \Sigma\ Null\ matrix\ greater\ than\ or\ equal\ to\ Lambda\ Xn$

(1-Xn)!%

The enitre theorem expanded is:

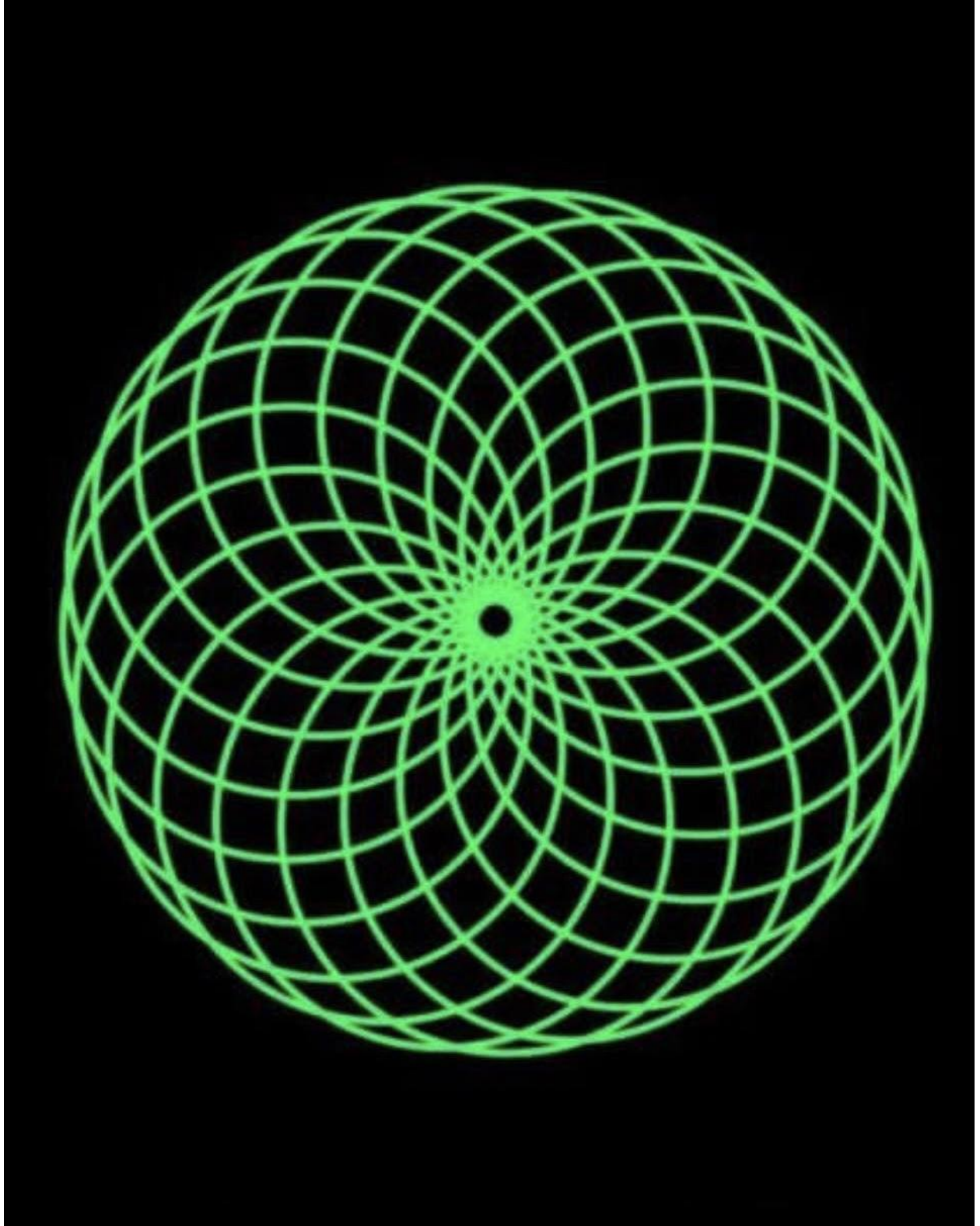+-Ui[Lambda Xn (1-Xn) less than or equal to E Null Matrix greater than or equal to Lambda Xn (1-Xn)!%] U+-

Remember when I explained the ball and chain concept of the mesh and the object at hand? The object in hand is the objects that are free moving in time throughout chaos. Remember to make your choices wisely and you will all have a direct impact on the reality that the world embraces. That is the value that you all share as FPCs. That is the value of this confederation.

aFPC Design per FCP

Blockchain Mesh

Icosahedron