



Recent Events

Data Science Bootcamp**DIU Green Campus**

One of the biggest Data Science Bootcamp in Bangladesh. There will be a program on behalf of our DIU research lab.

Data Science Business**DIU Green Campus**

Work on real problem statements and get hands-on experience with realistic Industrial data. Best Industry Instructors and overcome a business.

Data Science Bootcamp**DIU Green Campus**

One of the biggest Data Science Bootcamp in Bangladesh. There will be a program on behalf of our DIU research lab.

Upcoming Events

Data Science Bootcamp**DIU Green Campus**

One of the biggest Data Science Bootcamp in Bangladesh. There will be a program on behalf of our DIU research lab.

**Major in Data Science in
DIU Software Engineering
Depaartment.****DIU Green Campus**

One of the biggest Data Science Bootcamp in Bangladesh. There will be a program on behalf of our DIU research lab.

Data Science Bootcamp**DIU Green Campus**

One of the biggest Data Science Bootcamp in Bangladesh. There will be a program on behalf of our DIU research lab.

Services

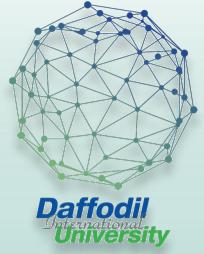
Data Science
Machine Learning
Deep Learning
Big Data

Community

Our Services
Documemtation
What We Do?

Contact Us

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Email: arman.swe@diu.edu.bd
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R E S E A R C H



Research Area

Reacherch Publication



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Email address

Enter your email

Password

Name

[forgot password](#)

Remember for 30 days

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Or

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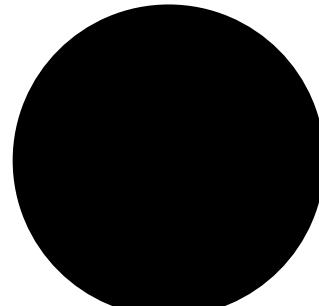
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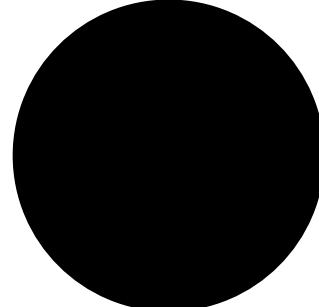


Notifications

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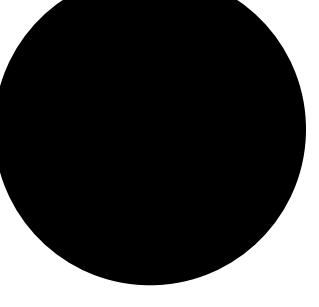
New Course
Instructor: McMullen
The Course is Very Good... dolor sit amet, con sect tur adipisinc elit...

 760 Today at 12:45pm

 4.2
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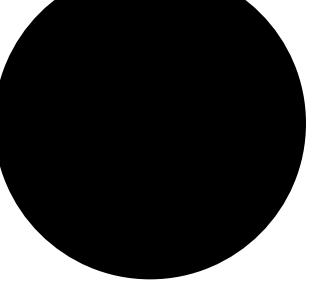
DS Club Activity
About Activity.....
.....

 918 Today at 08:55am

 4.8
- 

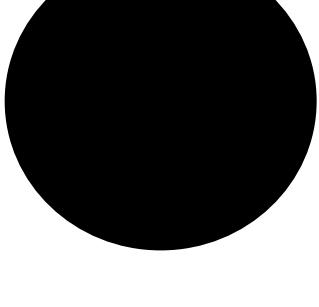
DS Lab New PC'S
Good News for all DS Lab Followers, This is to inform you all that our Lab is now being installed with.....

 2914 Yesterday

 4.6
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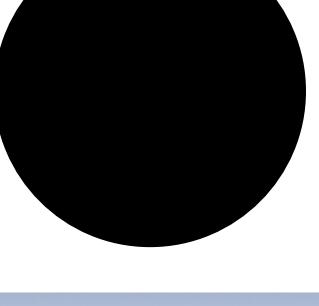
DS Summit Reg.
OMG! Summit 2023 reg is now open for all students and

 967 2 Days ago

 4.8
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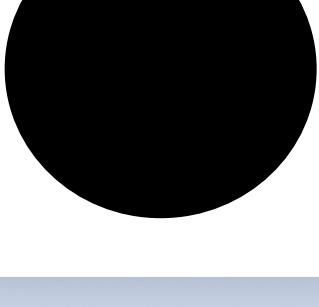
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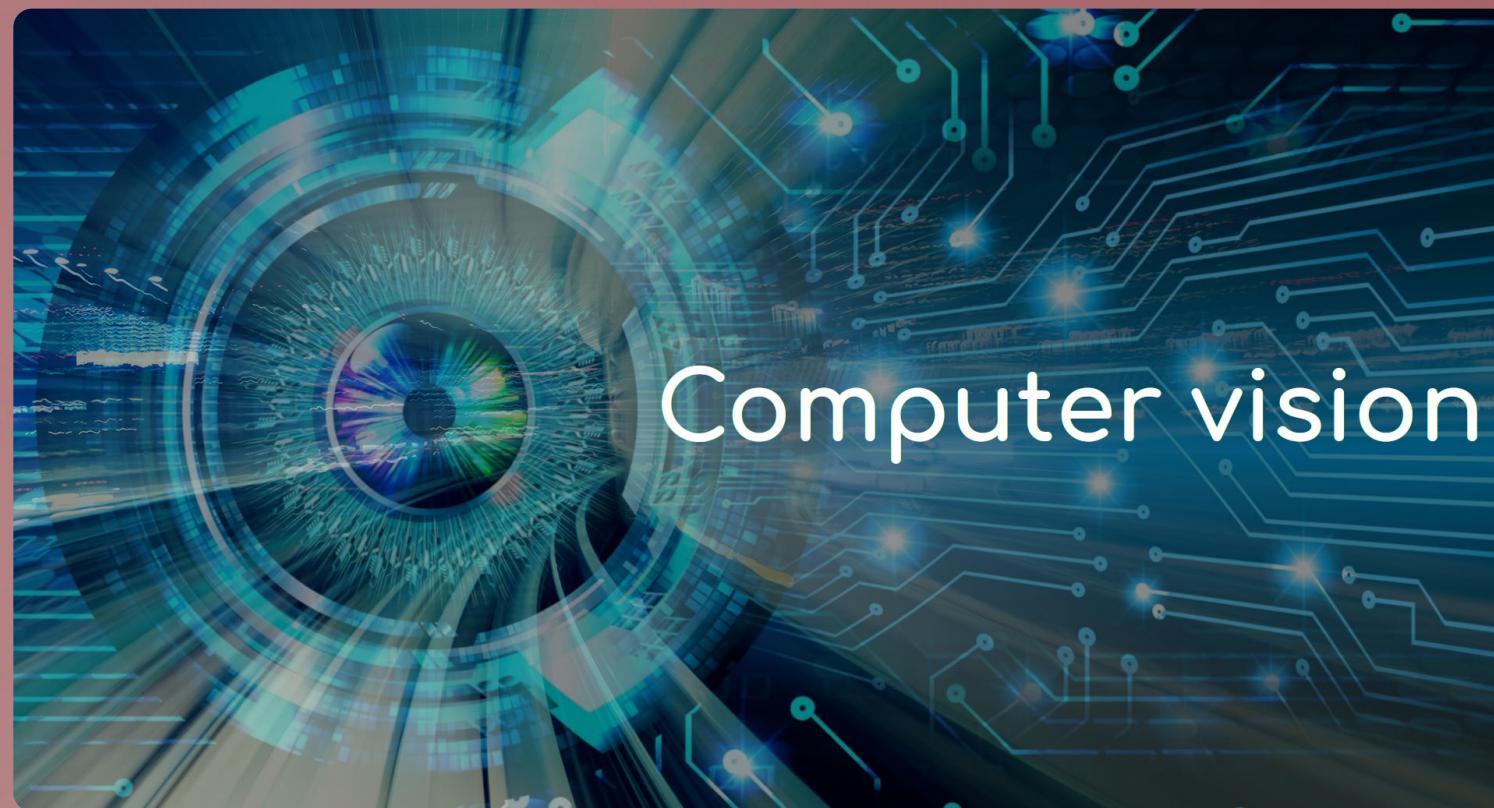
RESEARCH AREA

Natural Language Processing (NLP)



Natural language processing (NLP) is the ability of a computer program to understand human language as it is spoken and written -- referred to as natural language. It is a component of artificial intelligence (AI). NLP has existed for more than 50 years and has roots in the field of linguistics. Bangla NLP:- Bangla has a rich heritage of literature that dates back to almost a thousand years. Even with a huge number of native speakers, Bengali is lagging behind in Natural Language Processing (NLP). From government services to education, from agriculture to healthcare, Bengali-NLP research would make lives easier for everyone.

Computer Vision



Computer vision is a field of artificial intelligence (AI) that enables computers and systems to derive meaningful information from digital images, videos and other visual inputs — and take actions or make recommendations based on that information. Computer vision is the field of computer science that focuses on replicating parts of the complexity of the human vision system and enabling computers to identify and process objects in images and videos in the same way that humans do. Until recently, computer vision only worked in limited capacity.

Statistics & Probability



Statistics and probability represent a considerable area of mathematics that also greatly impacts data science. This specialty area is all about establishing and working with finite figures as well as the effects of the ever-present factor of “chance” in all things. Those additionally learned in this particular area are a great asset to general and specialized areas of the data science industry today. Probability and Statistics form the basis of Data Science. The probability theory is very much helpful for making the prediction. Estimates and predictions form an important part of Data science.

Welcome to DS CLUB



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Create new account.

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Enter full name

Enter first name

Enter last name

Email address

Enter your email

Password

Create a password

Must be at least 6 characters.

Confirm password

Confirm password

I've read and agree with Terms of Service and our Privacy Policy

Create account

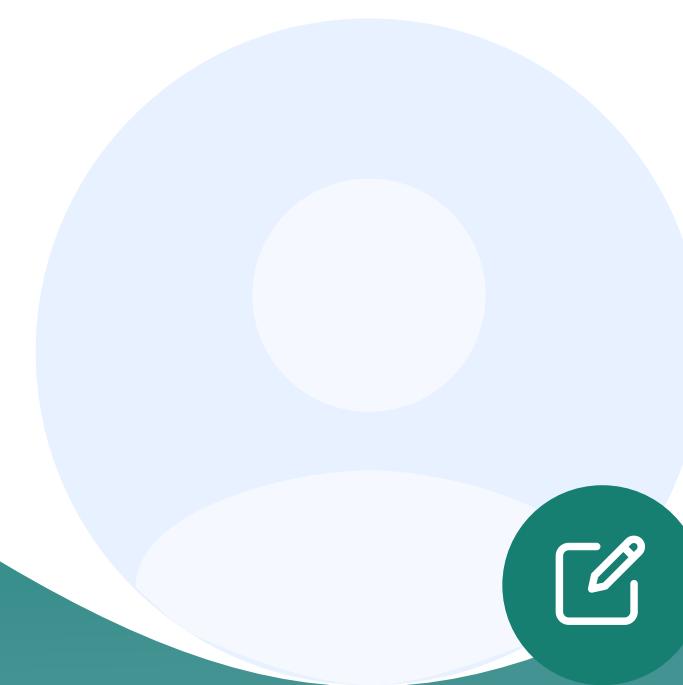
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Fill Your Profile

 First Name Last Name Date of Birth Email (+880) 01 Gender

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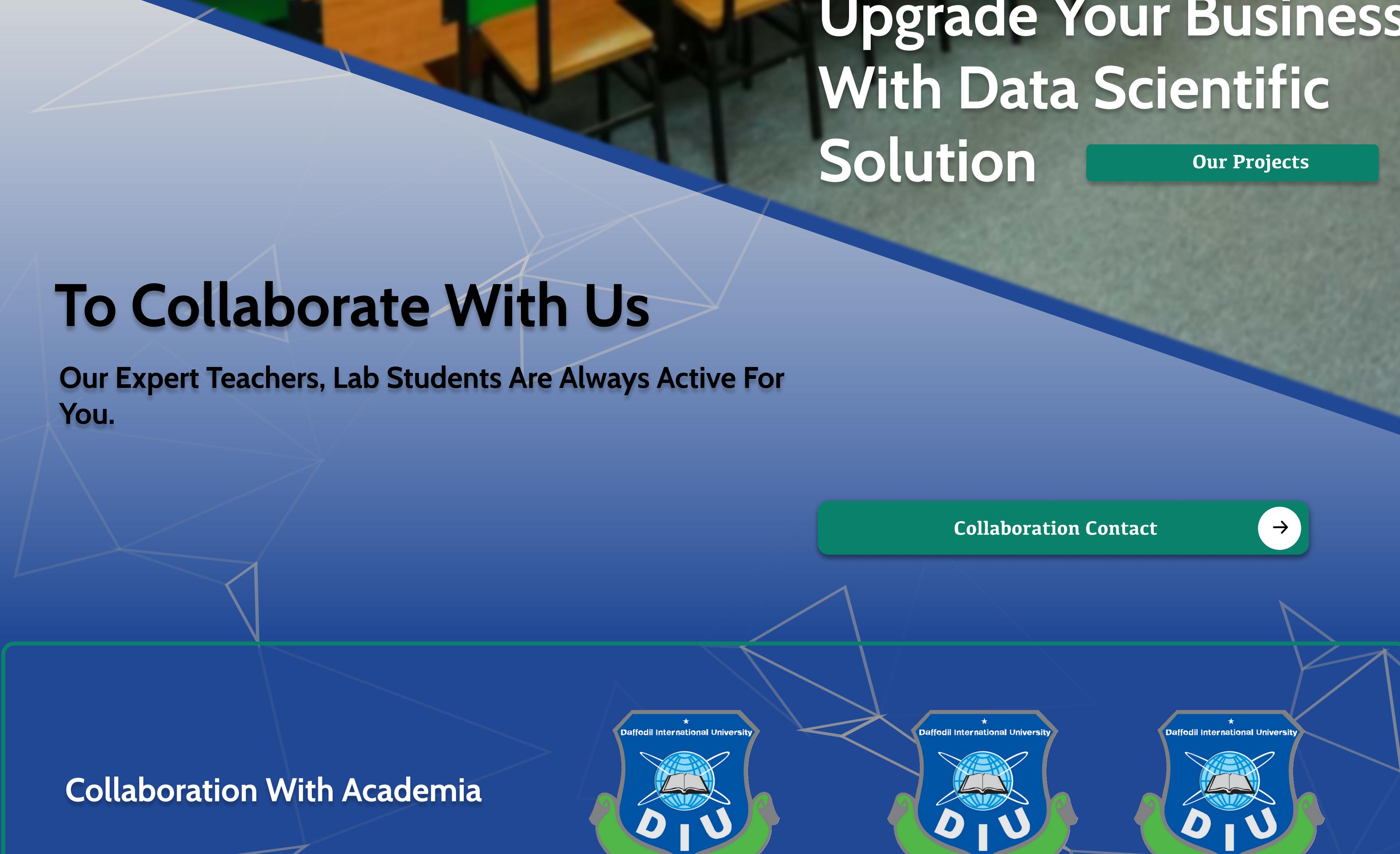
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Explore Summit 2023 →



First time providing data service in Bangladesh, Powered By Data Science Lab of Daffodil International University, Dhaka, Bangladesh.



Upgrade Your Business With Data Scientific Solution

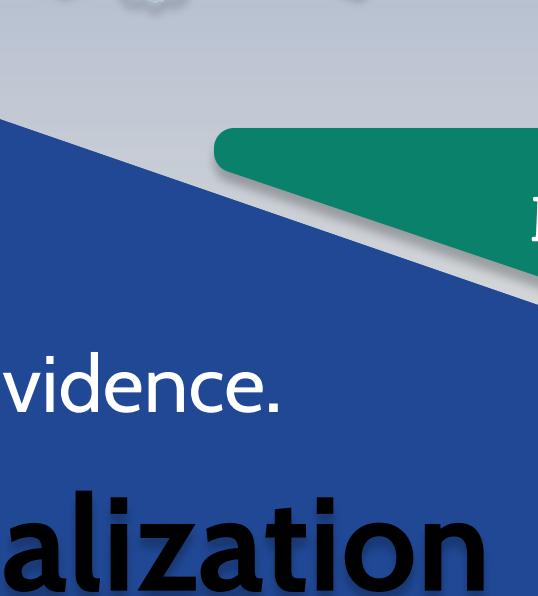
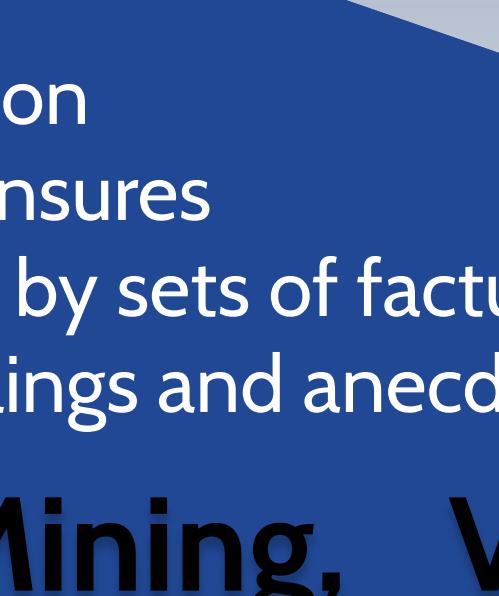
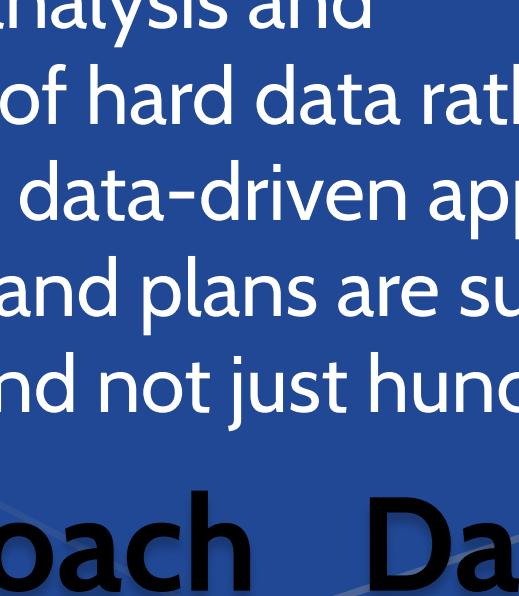
[Our Projects](#)

To Collaborate With Us

Our Expert Teachers, Lab Students Are Always Active For You.

[Collaboration Contact](#) →

Collaboration With Academia



We Analyze & Visualize The Real Life Data For Increasing The Companies Businesses.

Explore the latest data insights and strategies from top industry leaders. Gain a better understanding of your business and customers through data. Latest Search Trends. Year in Search Report. Google Search Insights.

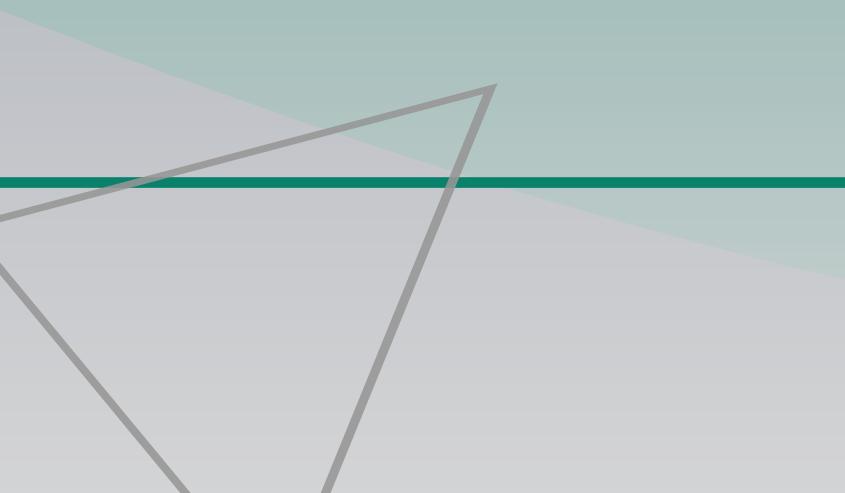
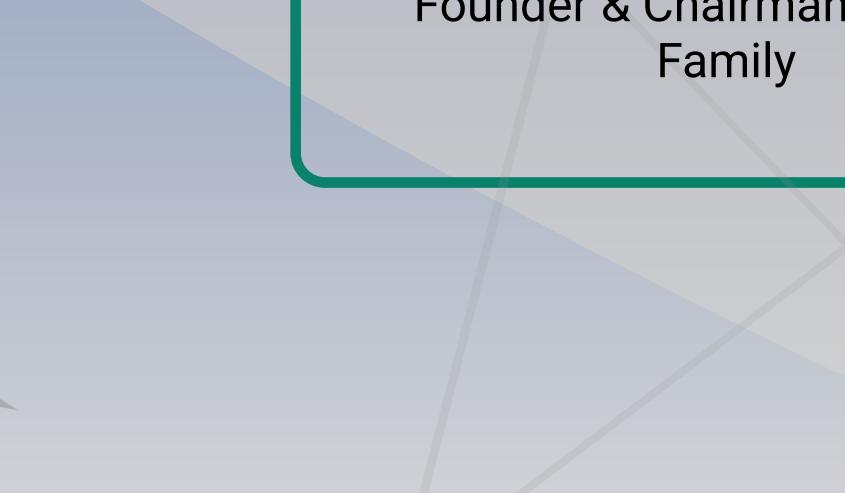
More

A data-driven approach is when decisions are based on analysis and interpretation of hard data rather than on observation. A data-driven approach ensures that solutions and plans are supported by sets of factual information, and not just hunches, feelings and anecdotal evidence.

To Data Driven Approach Data Mining, Visualization & Optimization.

Research

We are a team of out-of-the-box thinkers, with deep expertise in analytics. We love to expand the boundaries on research with our own data.



Our Expert Lab Students Have Special Skills

The data science learning goals of lab experiences include enhancing mastery of data science subject matter, developing Statistical analysis, increasing understanding of the Real-life data complexity and ambiguity of empirical work.

- ❑ Perfect Time Management
- ❑ Perfect Knowledge about ML & AI Algorithm
- ❑ Easily understanding the Real-life Data
- ❑ Advance Programming Language Knowledge
- ❑ Advanced & Updated Technology
- ❑ 4/7 Expert Lab Active Support



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Some Important Motivational Speech



Dr. Md. Sabur Khan
Founder & Chairman, Daffodil Family

“We must remember that there was once prosperous time in our lives and it was set up to us to bring it back or maintain it”

Take A Tour To Daffodil Smart City



We are a team of out-of-the-box thinkers, with deep expertise in analytics. Our research aims to make sense of large amounts of data.





Chief Advisor

Chief Advisor

Chief Advisor

Chief Advisor



Dr. Md. Sabur Khan

Founder & Chairman, Daffodil Family



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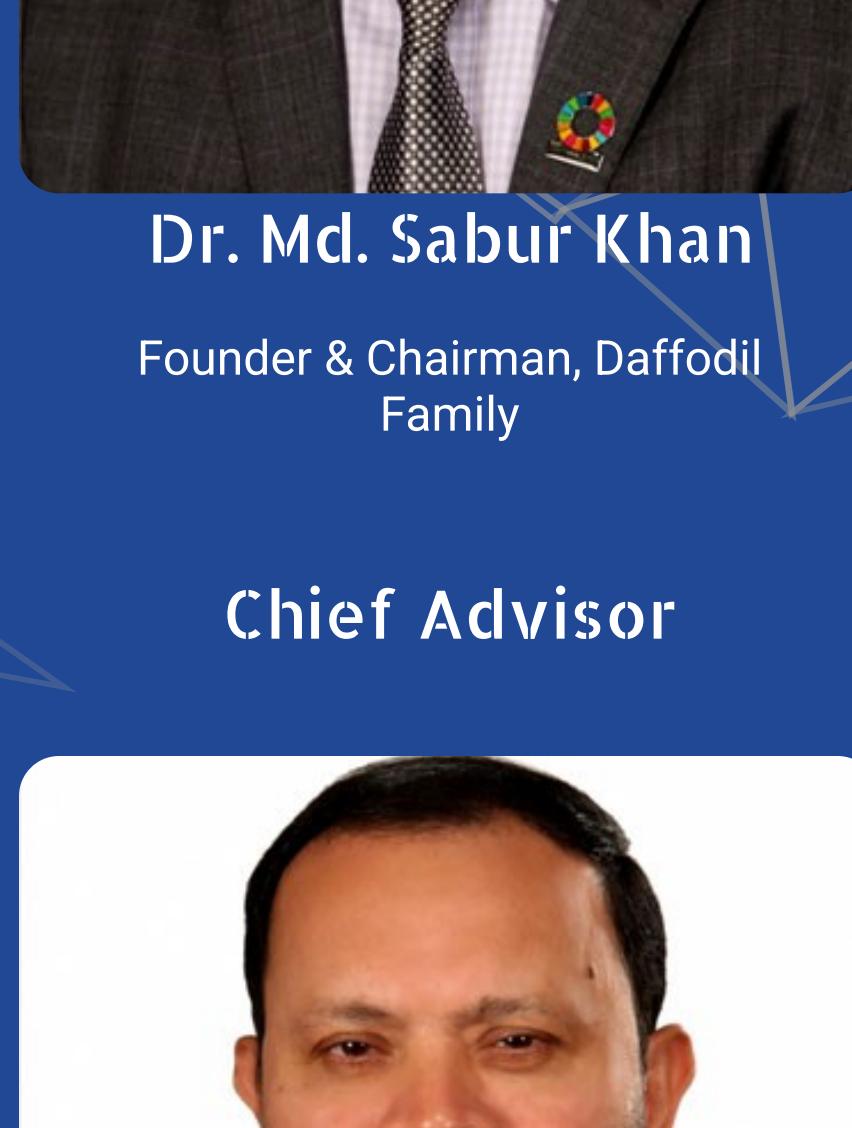
Founder & Chairman, Daffodil Family

Chief Advisor

Chief Advisor

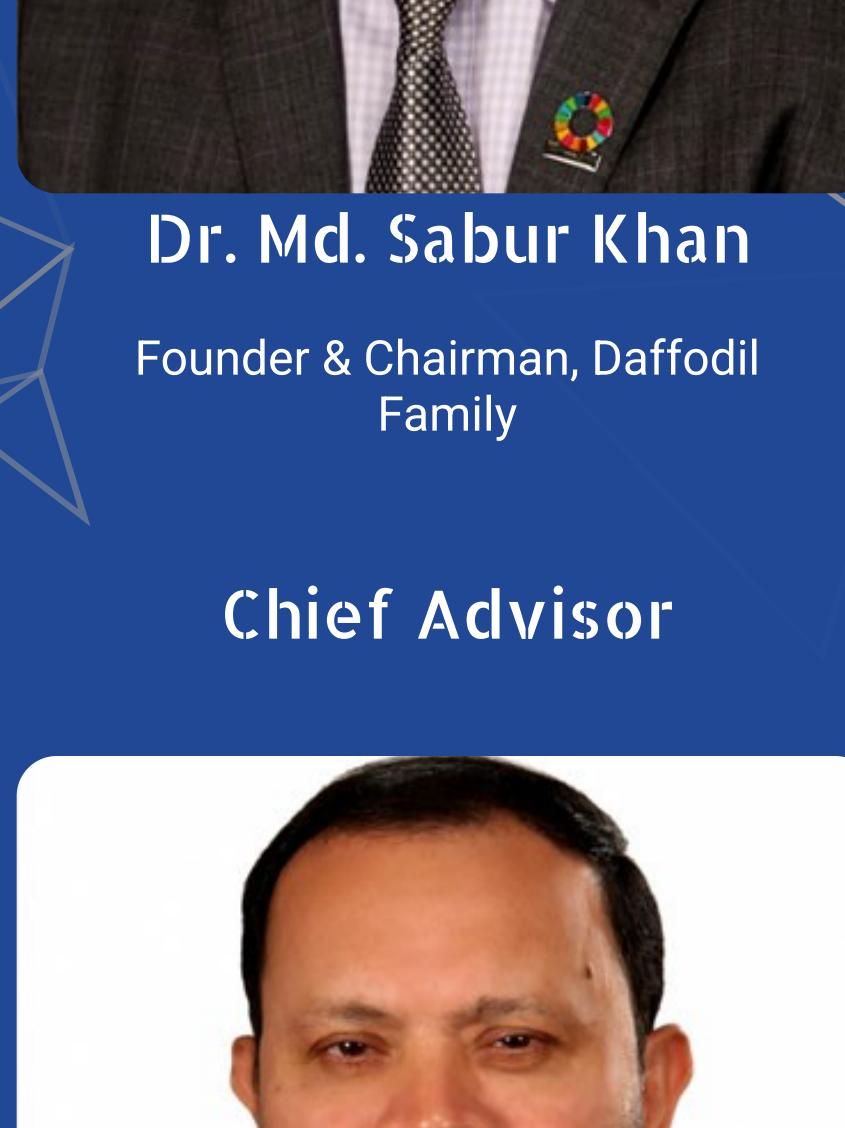
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Chief Advisor



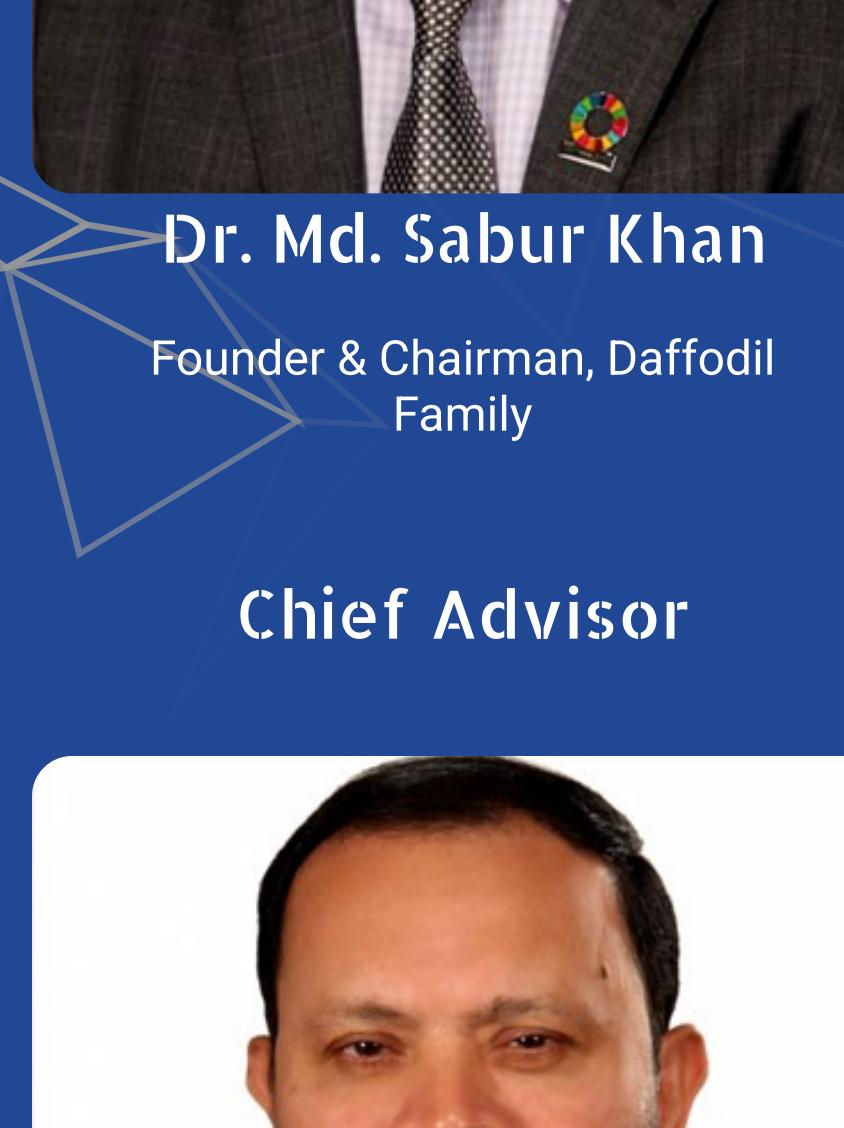
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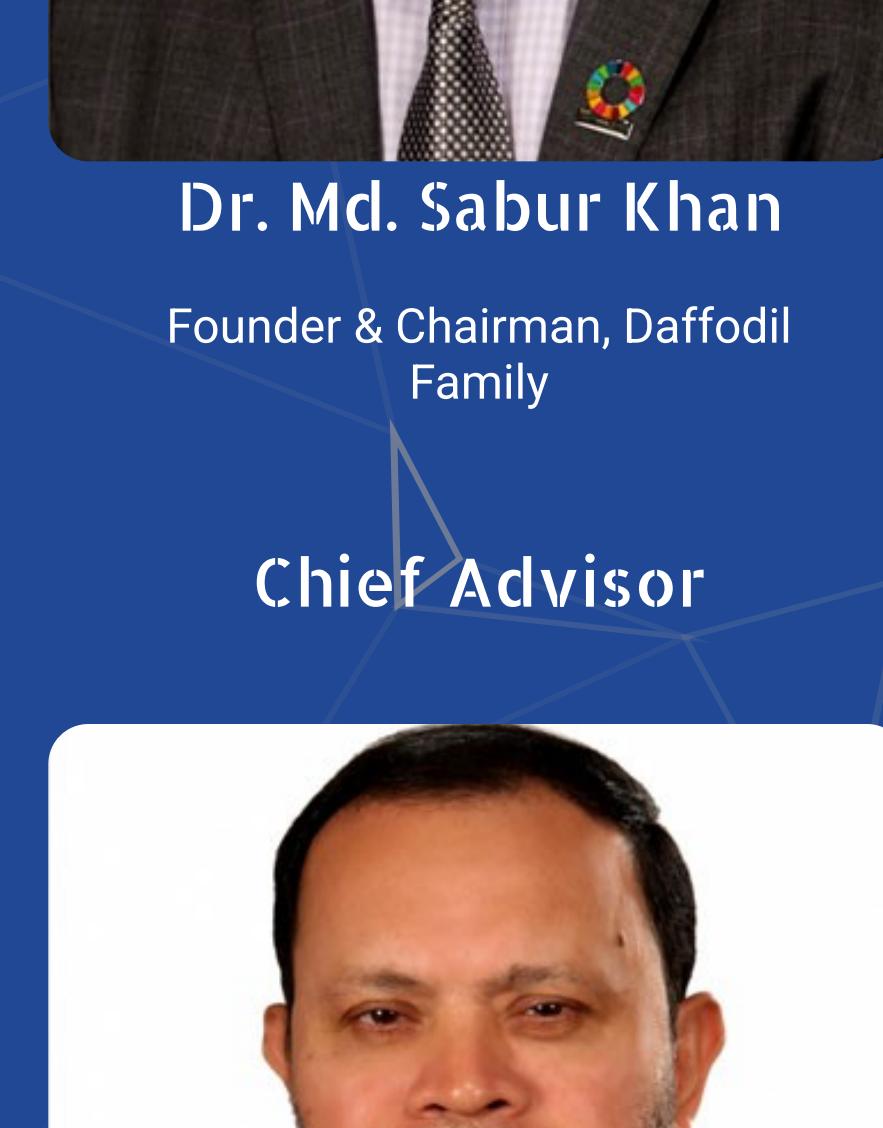
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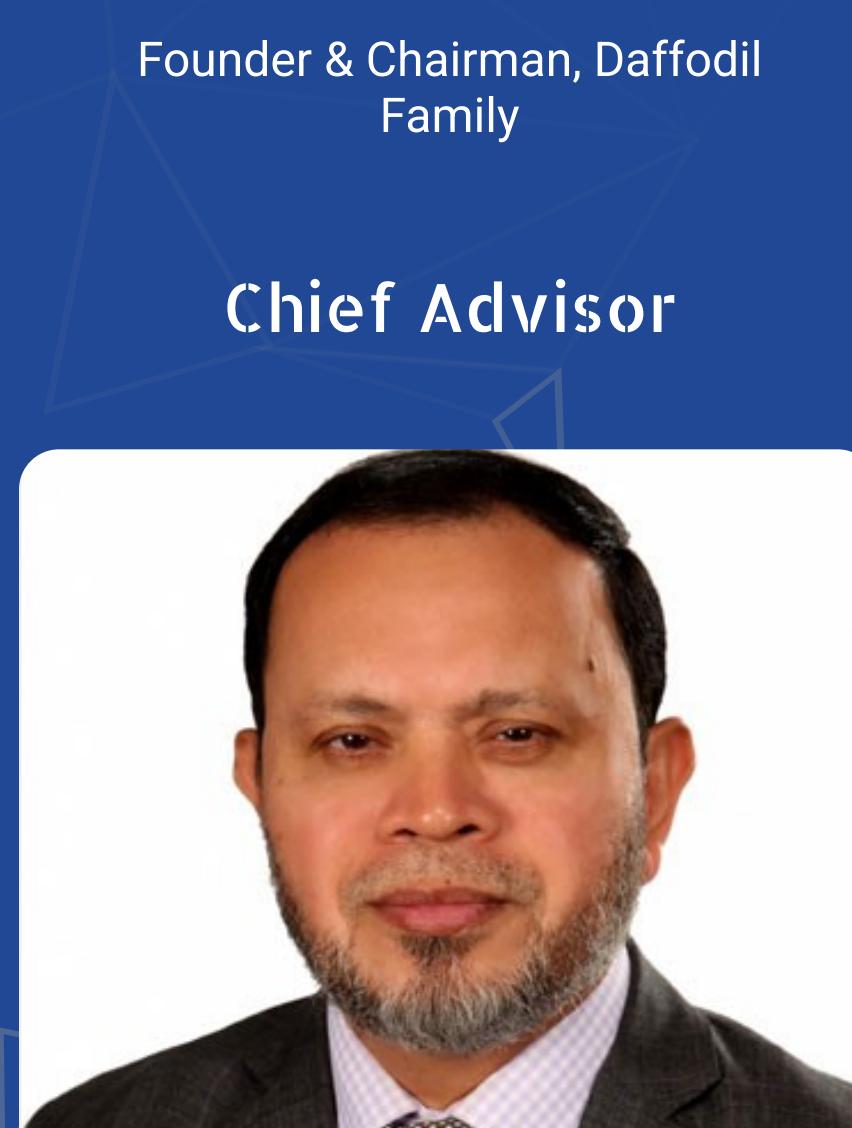
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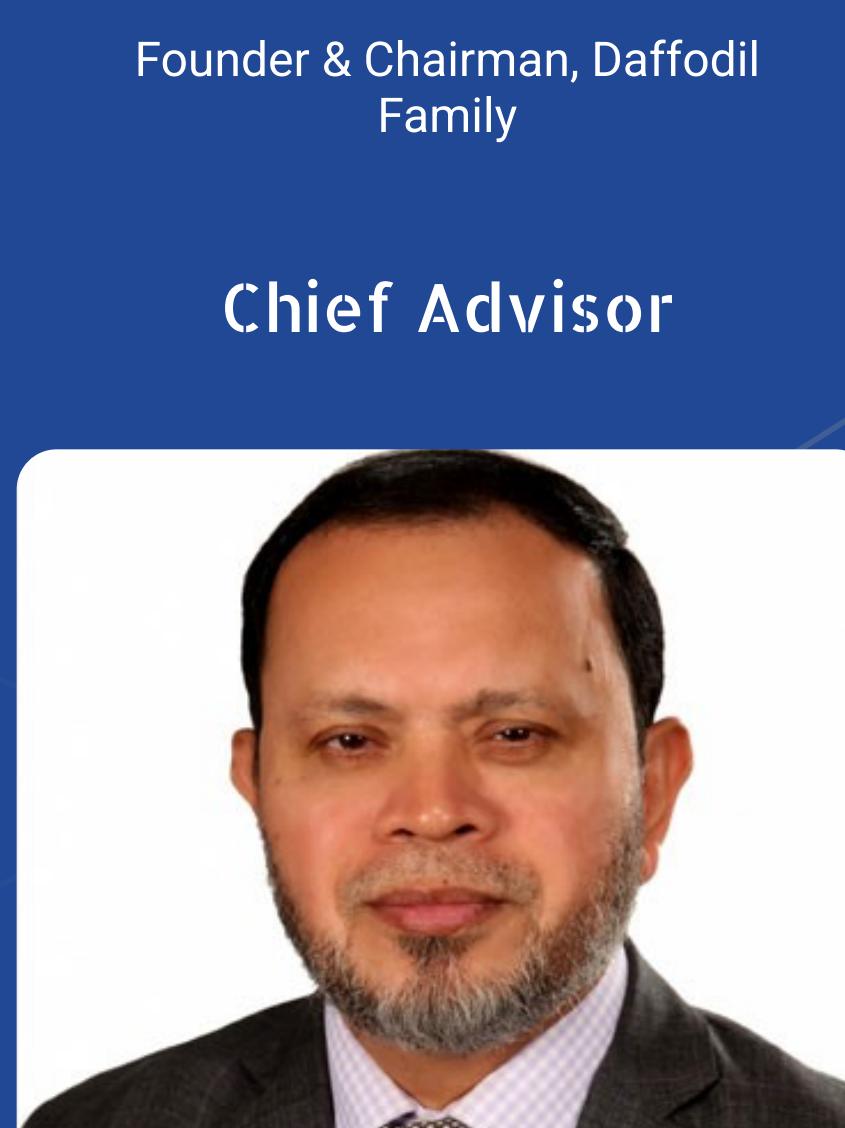
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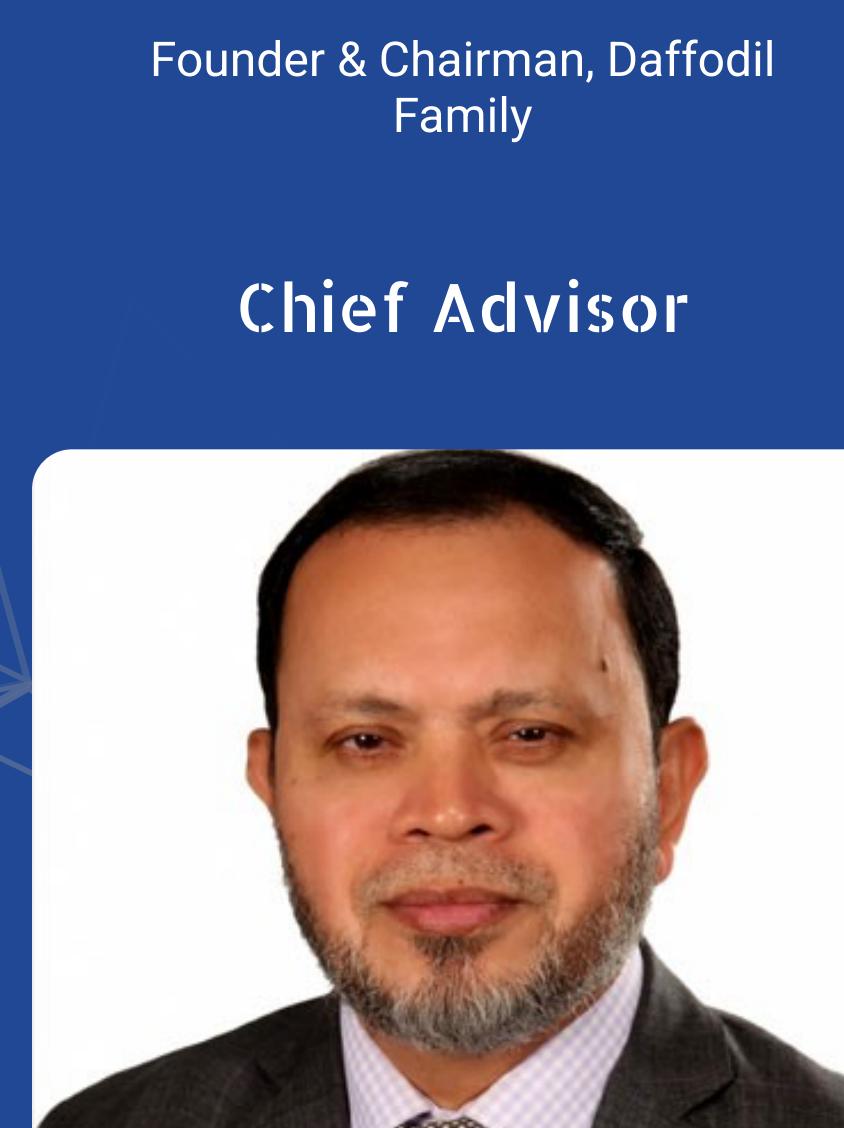
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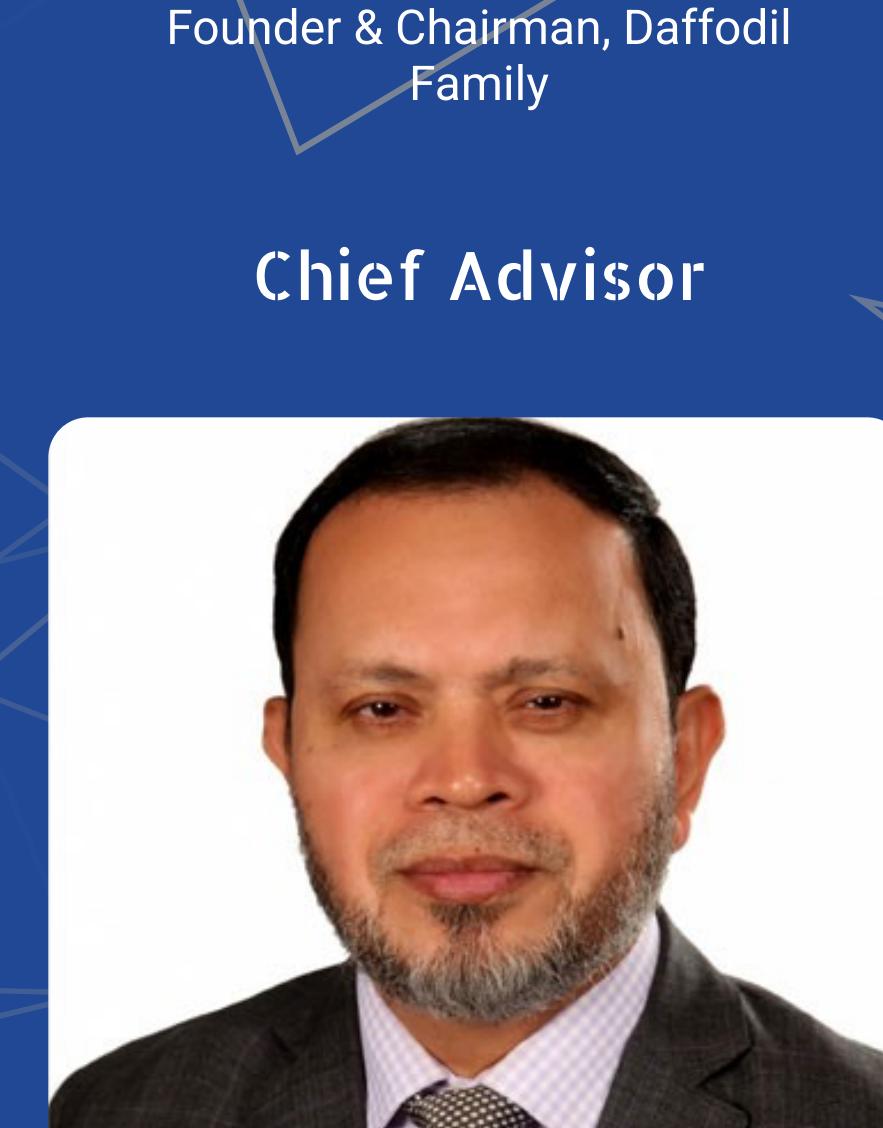
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TRAINING



Artificial Intelligence



Data Visualization



Data Mining



Cloud Computing



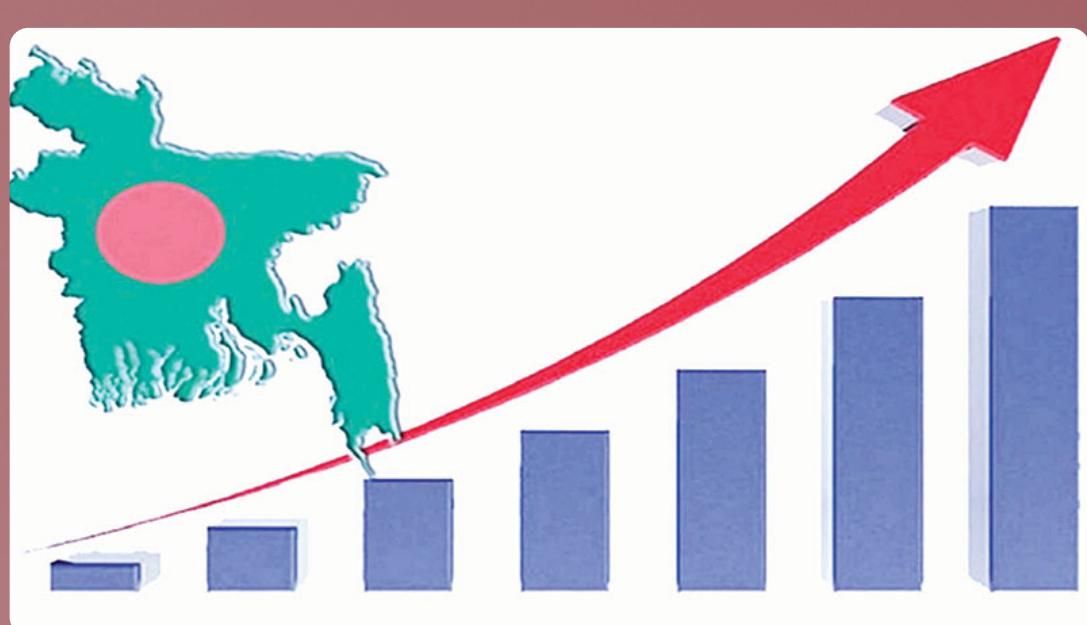
Data Analysis



Scholastic Models

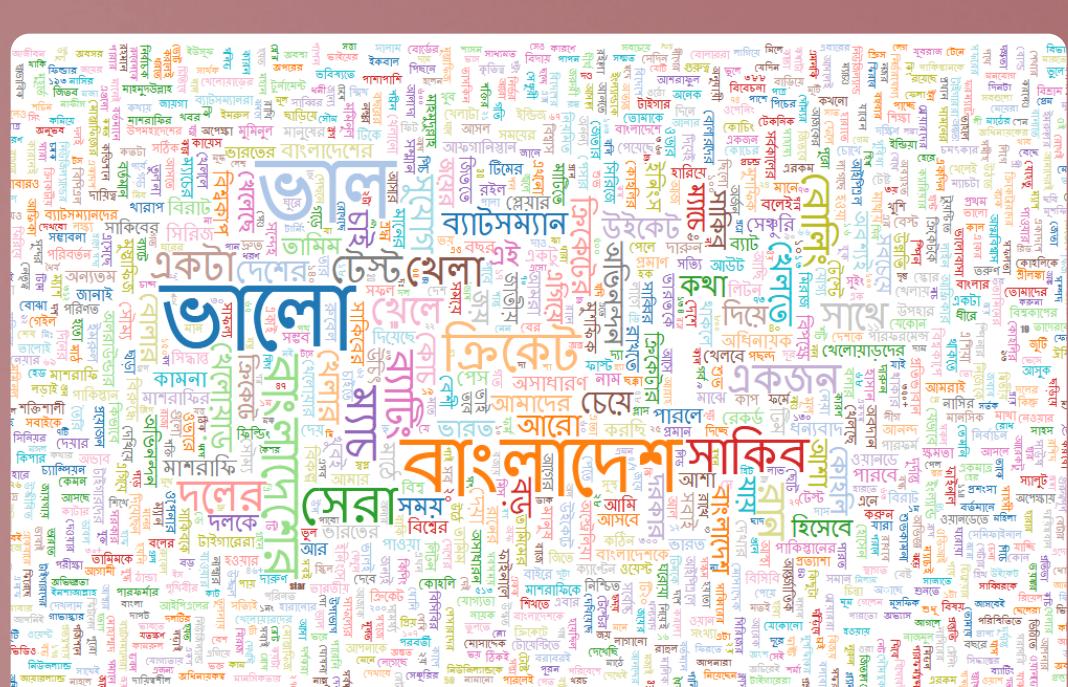
RESEARCH PUBLICATION

A Data Driven Approach to Forecasting Bangladesh Next Generation Economy



The issues of GDP have gotten the most worried among macroeconomic factors and information on GDP is viewed as the significant file for evaluating the public financial turn of events and for making a decision about the working status of the macro economy in general. It is crucial to Forecast microeconomic variables in the economic terminology. The main macroeconomic factors to gauge are the Gross Domestic Product (GDP), swelling and joblessness. As a total proportion of absolute financial creation for a country, GDP is one of the essential markers used to gauge the nation's economy. Since significant monetary and political choices depend on conjectures of these macroeconomic factors, it is basic that they are just about as solid and exact as could be expected. Erroneous figures might bring about destabilizing strategies and a more unstable business cycle. GDP is quite possibly the main pointers of public financial exercises for a nation

A Machine Learning Approach for Sentiment Analysis of Customer Satisfaction of Bangladeshi Delivery Services



Bangladesh has a large population which is causing the delivery system growing up day by day. Therefore, some companies who provide these delivery services usually called "Currier Service" are growing gradually. In this paper, we choose the top delivery service company of Bangladesh and analyzed customers' sentiment based on reviews and comments which is collected from their social media pages. We collected data of customers comments from the "Sundorban Currier Services", "Redx Currier Services" and "Pathao Delivery System" official social media page are verified posts. In this sentiment review, we have used Natural Language Processing (NLP) in Bangla to categorize those reviews using multiple machine learning models. In those models, we have tried to discover the number of negative and positive reviews or comments in real-life social media platforms and predicted the reviews that are negative or positive using the Unigram, Bigram, and Trigram methods. We have found that the Bigram feature is the best for this analysis because it has the highest accuracy of 90.72% and according to that the highest F1 score is 91.26. Using the Bangla NLP approach, the machine learning models are categorized in negative and positive reviews with the sentiment analysis method.

Cryptocurrency Market Research using Machine Learning Approach



For preventing counterfeiting and double-spending the encrypted digital or virtual money is used, which is called Cryptocurrencies. They are applied online exclusively. Cryptocurrency like bitcoin used peer to peer connection. In real world, these cryptocurrencies have no physical existence. They have no visible presence. There has no authority of the government over cryptocurrency. Functioning cryptocurrency relies on a technology called a blockchain. This blockchain was founded to relieve the problem of double-spending and also the interrupt in the centralized parties; control in the assets transaction. It is Bitcoins most significant invention. For keeping track of all economic and financial transactions the blockchain is used. This blockchain uses a cluster of computers. It can be said simply that, this technology is so strong that it can keep records permanently of transactions of business, assets, financial data, contract conversion, and property which is intellectual.