

DAC_Phase3

Date	18 October 2023
Team ID	Proj_216194_Team_3
Project Name	COVID vaccine analysis

Description:

Analyzing COVID-19 vaccines involves assessing various aspects, including efficacy, safety, distribution, and impact. Here are some key points for such analysis

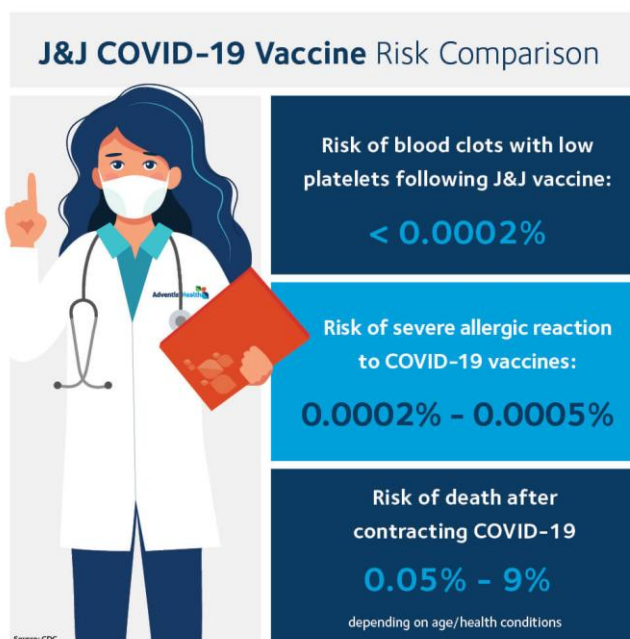
Step 1: Vaccine Efficacy

Evaluate the vaccine's effectiveness in preventing COVID-19. This includes considering data from clinical trials and real-world studies.

country	iso_code	date	total_vaccinat	people_vaccin	people_fully_v	daily_vaccinat	daily_vax	total_vax	people_f	daily_vax	vaccine	source	no	source	website
Afghanistan	AFG	23-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	23-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	24-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	25-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	26-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	27-02-2021	0	0	0	1367	0	0	1367	0	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	28-02-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	01-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	02-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	03-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	04-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
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Afghanistan	AFG	26-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	27-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
Afghanistan	AFG	28-03-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	
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Afghanistan	AFG	01-04-2021	8200	8200	8200	1367	0.02	0.02	1367	0.02	Johnson & Johnson	World Health Organization	1367	https://www.who.int	

Step2: Safety Profile

Examine adverse events and side effects associated with the vaccine. Assess the risk-benefit ratio.



Link: [Examine adverse events and side effects associated with the vaccine. Assess the risk-benefit ratio. - Bing images](#)

Step 3: Variants

Analyze how the vaccine performs against emerging variants of the virus. This may require ongoing monitoring.



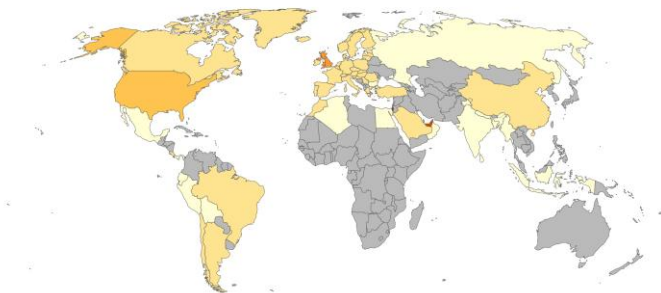
Link : [Analyze how the vaccine performs against emerging variants of the virus. This may require ongoing monitoring. - Bing images](#)

Step 4: Vaccine Coverage

Assess the global distribution and coverage of the vaccine to ensure equitable access.

Where is the vaccine being given?

Total reported vaccine doses administered per 100 people



Note: Total vaccinations refers to the number of doses given, not necessarily the number of people vaccinated

Source: OWID, gov.uk dashboard, ONS, updated 1130 GMT on 11 Feb

BBC

Link : [Assess the global distribution and coverage of the vaccine to ensure equitable access. - Bing images](#)

Conclusion :

These analyses are typically carried out by researchers, healthcare professionals, and public health organizations to inform vaccination strategies and policies.