users

Column	Type	
user_id 🔑	int	
username	varchar(50)	NN
email	varchar(100)	NN
password_hash	varchar(255)	NN
full_name	varchar(100)	
location	varchar(100)	
created_at	timestamp	

crops

Column	Type	
crop_id 🔑	int	
crop_name	varchar(50)	NN
crop_label	int	NN
scientific_name	varchar(100)	
description	text	
created_at	timestamp	

user_climate_data

Column	Type	
data_id 🔑	int	
user_id	int	NN
nitrogen	decimal(8,2)	NN
phosphorus	decimal(8,2)	NN
potassium	decimal(8,2)	NN
temperature	decimal(5,2)	NN
humidity	decimal(5,2)	NN
ph_level	decimal(4,2)	NN
rainfall	decimal(8,2)	NN
location	varchar(100)	
created_at	timestamp	

crop_predictions

Column	Type	
prediction_id 🔑	int	
data_id	int	NN
user_id	int	NN
predicted_crop_id	int	NN
confidence_score	decimal(5,4)	NN
model_architecture	varchar(20)	
created_at	timestamp	

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