Health Analysis API

Overview

Paths

GET /train_model Trains and updates the model

Responses

Code	Description	Links
200	Model updated successfully	No Links

GET /frequent_illness Retrieves the list of the most frequent illnesses

Responses

Code	Description	Links
200	A list of frequent illnesses	No Links

GET /most_healthy Retrieves the list of the healthiest areas

Responses

Code	Description	Links
200	A list of the healthiest areas	No Links

GET /least_frequent_illness Retrieves the list of the least frequent illnesses

Responses

Code	Description	Links
200	A list of the least frequent illnesses	No Links

GET /least_healthy Retrieves the list of the least healthy areas

Responses

Code	Description	Links
200	A list of the least healthy areas	No Links

GET /get_illness/{ill_name} Retrieves detailed information about a specified illness

Parameters

Type	Name	Description	Schema
path	**ill_name** *required*	The name of the illness	string

Responses

Code	Description	Links
200	Detailed information about the specified illness	No Links

GET /get_area/{sa2} Retrieves detailed information about a specified area

Parameters

Type	Name	Description	Schema
path	**sa2** *required*	The area code	string

Responses

Code	Description	Links
200	Detailed information about the specified area	No Links

GET /affected_percentage/{illness}/{p} Retrieves the list of areas where a specific illness affects more than a given percentage of residents

Parameters

Type	Name	Description	Schema
path	**p** *required*	The percentage value	number
path	**illness** *required*	The name of the illness	string

Responses

Code	Description	Links
200	A list of areas with the affected percentage	No Links

GET /analysis/{area}/{illness} Retrieves detailed analysis data for a specific area and illness

Parameters

Type	Name	Description	Schema
path	**area** *required*	The area code	string
path	**illness** *required*	The name of the illness	string

Responses

Code	Description	Links
200	Detailed analysis data for the specified area and illness	No Links

GET /get_importances/{illness} Retrieves the list of important influencing features for a specific illness

Parameters

Type	Name	Description	Schema
path	**illness** *required*	The name of the illness	string

Responses

Code	Description	Links
200	A list of important features influencing the specified illness	No Links