Zoopolis

Base de Dados

Curso: **Engenharia Informática**
Semestre: **2024/2025 - Terceiro Semestre**

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Guia de Dados

Class

Name	Data Types	Observation
cla_id	bigint	Class ID
cla_name	varchar	Class Name
cla_order	varchar	Class Order
cla_fam	varchar	Class Family

cla_id	cla_name	cla_order	cla_fam
1	Mamíferos	Cetartiodactyla	Bovidae
2	Aves	Accipitriformes	Accipitridae
3	Répteis	Crocodylia	Alligatoridae
4	Répteis	Squamata	Boidae
5	Aves	Piciformes	Ramphastidae
6	Aves	Psittaciformes	Psittacidae

Animal

Name	Data Types	Observation
ani_id	bigint	Animal ID
ani_name	varchar	Animal Name
ani_ci_name	varchar	Animal Científic Name
ani_desc	mediumt...?	Animal Description
ani_weight	float	Animal Weight
ani_height	float	Animal Height
ani_length	float	Animal Length
ani_cla_id	bigint	Animal Class ID

ani_id	ani_name	ani_ci_name	ani_description	ani_weight	ani_height	ani_length	ani_cla_id	imageUrl
1	Ádax	Addax nasomaculatus	Ambos os sexos têm um tufo d...	100	105	160	1	NULL
2	Águia-das-estepes	Aquila nipalensis	Águia de porte médio-grande, ...	3.2	76	0	2	NULL
3	Aligátor-americano	Alligator mississippiensis	Os dedos estão ligados por me...	400	0	450	3	NULL
4	Anaconda-amarela	Eunectes notaeus	A anaconda-amarela é a segun...	30	0	350	4	NULL
5	Araçari-verde	Pteroglossus viridis	Este é um pequeno tucano, co...	0.13	0	35	5	NULL
6	Arara-azul-e-amarela	Ara ararauna	Apresenta pele nua, nas faces,...	1.15	0	86	6	NULL
7	Arara-de-asa-verde	Ara chloropterus	A plumagem é vermelho-vivo co...	1.5	0	92	6	NULL
8	Arara-de-fronte-vermelha	Ara rubrogenys	Distingue-se pela coloração viv...	0.55	0	60	6	NULL
9	Arara-escarlate	Ara macao	A cor da íris muda com a idade, ...	1.2	0	86	6	NULL
10	Arara-jacinta	Anodorhynchus hyacinthinus	É a maior espécie de Arara. A c...	1.5	0	100	6	NULL

A coluna das imageUrl, encontra-se vazia de momento pois as imagens encontram-se atualmente no servidor e não á necessidade de enviar as images, neste momento para a base de dados.

Animal Enclosure

Name	Data Types	Observation
ae_id	bigint	Animal Enclosure ID
ae_ani_id	bigint	Animal Enclosure Animal ID
ae_enc_id	bigint	Animal Enclosure Enclosure ID
ae_dt_in	datetime?	Animal Enclosure Entrance Date
ae_dt_out	datetime?	Animal Enclosure Exit Date

ae_id	ae_ani_id	ae_enc_id	ae_dt_in	ae_dt_out	ae_code
1	1	1	2024-11-22 10:00:00	2024-11-22 12:00:00	HEJXCB9B
2	2	2	2024-11-22 11:30:00	2024-11-22 13:30:00	NCBJ1ZBH
3	3	3	2024-11-22 12:00:00	2024-11-22 14:00:00	VRSXC3JV
4	4	4	2024-11-22 13:15:00	2024-11-22 15:15:00	WUBACTCL
5	5	5	2024-11-22 14:45:00	2024-11-22 16:45:00	OBN7YYXK
6	6	6	2024-11-22 15:30:00	2024-11-22 17:30:00	NHNQJ6S2
7	7	7	2024-11-22 16:15:00	2024-11-22 18:15:00	FGZH8UYR
8	8	8	2024-11-22 17:00:00	2024-11-22 19:00:00	Q2UISYOI
9	9	7	2024-11-22 16:30:00	2024-11-22 18:30:00	3SKCADAK
10	10	8	2024-11-22 17:30:00	2024-11-22 19:30:00	ZJFTFBVZ

Enclosure

Name	Data Types	Observation
enc_id	bigint	Enclosure ID
enc_name	varchar	Enclosure Name
enc_sup_amt	int	Enclosure Supported Amount
enc_lat	varchar	Enclosure Latitude
enc_long	double	Enclosure Longitude
enc_mapsid	double	Enclosure Map ID
enc_aniclass	varchar	Enclosure Animal Class
enc_sa_id	bigint	Enclosure Sub Area ID

enc_id	enc_name	enc_sup_amount	enc_aniclass	enc_lat	enc_long	enc_mapsid	enc_sa_id
1	Elephant Enclosure	3	Mammalia	-1.2921	36.8219	MAPID_001	1
2	Lion Habitat	5	Mammalia	-1.2931	36.822	MAPID_002	2
3	Monkey Forest	20	Primates	-1.2945	36.823	MAPID_003	3
4	Reptile House	15	Reptilia	-1.295	36.824	MAPID_004	4
5	Penguin Pool	12	Aves	-1.296	36.825	MAPID_005	5
6	Shark Aquarium	2	Pisces	-1.297	36.826	MAPID_006	7
7	Frog Swamp	30	Amphibia	-1.298	36.827	MAPID_007	6
8	Arctic Exhibit	4	Mammalia	-1.299	36.828	MAPID_008	5

Sub_Area

Name	Data Types	Observation
sa_id	bigint	Sub Area ID
sa_area_id	bigint	Sub Area Area ID
sa_name	varchar	Sub Area Name

sa_id	sa_area_id	sa_name
1	1	Bosque Encantado
2	1	Tapada do Lince-ibérico
3	2	Jardim das Araras
4	3	Templo dos Primatas
5	4	Savana MEO
6	5	Reptilário
7	6	Vale dos Tigres

Area

Name	Data Types	Observation
area_id	bigint	Area ID
area_name	varchar	Area Name

area_id	area_name
1	Bosque
2	Golfinhos
3	Primatas
4	Savana
5	Amazonia
6	Selva

Favorite

Name	Data Types	Observation
fav_id	bigint	Favorite ID
fav_ani_id	bigint	Favorite Animal ID
fav_per_id	bigint	Favorite Person ID
fav_animal	boolean?	Favorite Animal

fav_id	fav_ani_id	fav_per_id
5	1	1
7	2	1
8	3	1
9	4	1
10	5	1
11	6	1
12	3	12
13	4	12
14	5	12

Activity

Name	Data Types	Observation
ac_id	bigint	Activity ID
ac_name	varchar	Activity Name
ac_schedule	timestamp	Activity Schedule
ac_cap	int	Activity Capacity
ac_area_id	bigint	Activity Area ID

ac_id	ac_name	ac_schedule	ac_cap	ac_area_id
1	Baía dos golfinhos	2024-11-23 10:00:00	100	2
2	Comboio do Zoo	2024-11-23 12:00:00	40	2
3	Teleférico	2024-11-23 14:00:00	2	5
4	Bosque Encantado	2024-11-23 11:00:00	50	1
5	Pelicanos	2024-11-23 15:00:00	50	3
6	Quintinha do Lidl	2024-11-23 16:00:00	30	5

Visited

Name	Data Types	Observation
vi_id	bigint	Visited ID
vi_dtime	datetime	Visited Time
vi_per_id	bigint	Visited Person ID
vi_sa_id	bigint	Visited Sub Area ID

vi_id	vi_per_id	vi_sa_id	vi_dtime
1	1	1	2024-11-22 10:00:00
2	2	2	2024-11-22 11:30:00
3	3	3	2024-11-22 12:00:00
4	4	4	2024-11-22 13:15:00
5	5	5	2024-11-22 14:45:00
6	6	6	2024-11-22 15:30:00
7	7	7	2024-11-22 16:15:00
8	8	5	2024-11-22 17:00:00

Person

Name	Data Types	Observation
per_id	bigint	Person ID
per_name	varchar	Person Name
per_email	varchar?	Person Email
per_gender	char?	Person Gender
per_bdate	datetime	Person Bithdate
per_password	varchar	Person Passaword

per_id	per_name	per_email	per_gender	per_password	per_points
1	Alice Johnson	alice@example.com	F	alice123	0
2	Bob Smith	bob@example.com	M	bob123	0
3	Charlie Brown	charlie@example.com	M	charlie123	0
4	Diana Prince	diana@example.com	F	diana123	0
5	Edward Stark	edward@example.com	M	edward123	0
6	Fiona Green	fiona@example.com	F	fiona123	0
7	George Wilson	george@example.com	M	george123	0
8	Helen Carter	helen@example.com	F	helen123	0
9	Test User	testuser@example.com	M	password123	0
10	John Doe	john.doe@example.com	M	securepassword123	0
11	Johnny Doe	johnnydoe@example.com	M	securepassword	0

Product

Name	Data Types	Observation
pro_id	bigint	Product ID
pro_name	varchar	Product Name
pro_barcode	bigint	Product Barcode
pro_price	float	Product Price

pro_id	pro_name	pro_barcode	pro_price
1	Water Bottle	1234567890123	2.5
2	Chips Pack	1234567890124	1.75
3	Soda Can	1234567890125	1.25
4	Sandwich	1234567890126	3.5
5	Fruit Cup	1234567890127	2
6	Candy Bar	1234567890128	1
7	Ice Cream	1234567890129	2.75
8	Popcorn	1234567890130	1.5

Stock

Name	Data Types	Observation
stock_id	bigint	Stock ID
stock_kio_id	bigint	Stock Kiosk ID
stock_pro_id	bigint	Stock Product ID
stock_amount	bigint	Stock Amount

stock_id	stock_amount	stock_kio_id	stock_pro_id
1	100	1	1
2	150	2	2
3	200	3	3
4	60	4	5
5	110	5	6

Kioks

Name	Data Types	Observation
kio_id	bigint	Kiosk ID
kio_name	varchar	Kiosk Name
kio_area_id	bigint	Kiosk Area ID

kio_id	kio_name	kio_area_id
1	Gelados Olá	1
2	Gelados Olá	2
3	Snack Bar	3
4	Snack Bar	5
5	Gelados Olá	6