

Django Models Cheat Sheet

by Lewis Eason (lewiseason) via cheatography.com/6319/cs/1072/

Field Types	
AutoField	
BigIntegerField	
BinaryField	
BooleanField	
CharField	max_length
CommaSeparatedIntegerFi eld	max_length
DateField	auto_now
	auto_now_add
DateTimeField	(as above)
DecimalField	max_digits
	decimal_places
EmailField	max_length
FileField	upload_to
	storage
FloatField	
ImageField	upload_to
	height_field
	width_field
IntegerField	
IPAddressField	
GenericIPAddressField	protocol
	unpack_ipv4
NullBooleanField	
PositiveIntegerField	
PositiveSmallIntegerField	
SlugField	max_length
SmallIntegerField	
TextField	
TimeField	auto_now
	auto_now_add
URLField	max_length
ForeignKey	model
	related_name
	to_field
	db_constraint (True)

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Field Types (cont)	
ManyToManyField	model
	limit_choices_to
OneToOneField	
Field Options	
null	
blank	
choices	
db_column	
db_index	
db_tablespace	
default	
editable	
error_messages	
help_text	
primary_key	
unique	
unique_for_[date mon	th year]
verbose_name	
validators	
Field Lookups	
exact	
iexact	Case Insensitive
contains	
icontains	
in	Pass in a list
gt,gte,lt,lte	Comparison
startswith,istartsv	with,endswith,
range	(inclusive) =(X, Y)
year,month,d	ay,hour,minute,

Related Manager Methods		
add	x.ys_set.add(y,)	
create	x.ys_set.create(**kwargs)	
remove*	x.ys_set.remove(y1, y2,)	
clear*	x.ys_set.clear()	
	*Only available when FK(null=True)	

filter filter(**kwargs) exclude exclude(**kwargs) annotate annotate(models.Count('cost')) order_by [*fields_str] reverse distinct values *fields_str values_list *fields_str date(time)?s dates(field, kind, order) none extra extra(select={}) get (returns 1 obj) get(**kwargs) create (returns 1 obj) get_or_create (returns 1 obj) get_or_create(**kwargs) count latest, earliest, first, last aggregate aggregate(models.Count('entry'))	QuerySet API		
exclude exclude(**kwargs) annotate annotate(models.Count('cost')) order_by [*fields_str] reverse distinct values *fields_str values_list *fields_str date(time)?s dates(field, kind, order) none extra extra(select={}) get (returns 1 obj) get(**kwargs) create (returns 1 obj) get_or_create (returns 1 obj) get_or_create (returns 1 obj) count latest, earliest, first, last aggregate aggregate(models.Count('entry'))	all	X.objects.	
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get (returns 1 obj) get(**kwargs) create (returns 1 create(**kwargs) obj) get_or_create get_or_create(**kwargs) count latest, earliest, first, last aggregate aggregate(models.Count('entry'))	none		
create (returns 1 create(**kwargs) obj) get_or_create get_or_create(**kwargs) (returns 1 obj)) count latest, earliest, first, last aggregate aggregate(models.Count('entry'))	extra	extra(select={})	
obj) get_or_create	get (returns 1 obj)	get(**kwargs)	
(returns 1 obj)) count latest, earliest, first, last aggregate aggregate(models.Count('entry'))	`	create(**kwargs)	
latest, earliest, first, last aggregate aggregate(models.Count('entry'))	·		
aggregate aggregate(models.Count('entry'))	count		
models.Count('entry'))	latest, earliest, first, last		
delete	aggregate	00 0 1	
ucicle	delete		



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on_delete

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_week_day _isnull _regex 1=Sun, 7=Sat

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Meta Options
abstract
app_label
db_table
db_tablespace
get_latest_by
managed
order_with_respect_to
ordering
permissions
proxy
unique_together
index_together
verbose_name
verbose_name_plural



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