

Active Record: Query

```
User.all

User.find(params[:id])

User.find_by(name: params[:name])

User.where(email: params[:email])

User.where("sign_in_count > 1")

User.where("age > 18").limit(5)

User.where(gender: "M").order(:name)

User.find_each(batch_size: 5000)

@users.pluck(:email)
```

Active Record: Agregation

```
Person.average(:age)

Trade.maximum(:price)

Order.group(:status).count

Person.count(:all)
```

Command Line

```
rails (s)erver

rails (c)onsole

rails (g)enerate

rake db:migrate

rake db:migrate:status

rake routes
```

Routes

```
root :to => 'pages#home_page'

get '/patients/:id', to: 'patients#show'

resources :photos

namespace :admin do ... end
```

Forms

```
form_for(@model) do |f| ... end

link_to 'name', path

f.label

f.text_field

f.password_field

f.email_field

f.submit
```

Active Record: Create / Update

```
User.create(name: "David", occupation: "Code Artist")

@user.update(name: "Dave")

@user.destroy

@user.save / @user.save!

User.find_or_create_by

User.where(some condition).first_or_create(params)
```

Validations

```
validates :name, :presence => true

validates :name, :length => { :minimum => 2 }

validates :password, length: { in: 6..20 }

validates :email, :uniqueness => true

validates :count, :numericality => { :greater_than => 0 }

validates :size, inclusion: { in: %w(small medium large) }
```

Migrations

```
create_table :table do |t| ... end

add_column :table, :field, :type

change_column :table, :field, :type

rename_column :table, :name, :new_name

rename_table

add_index
```

Misc

```
before_action :method

scope :published, -> { where(published: true) }
```

Active Record: Data Types

```
string

float

integer

text

time

date

boolean
```

Active Record: Associations

```
:has_one

:has_many / :belongs_to
```



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