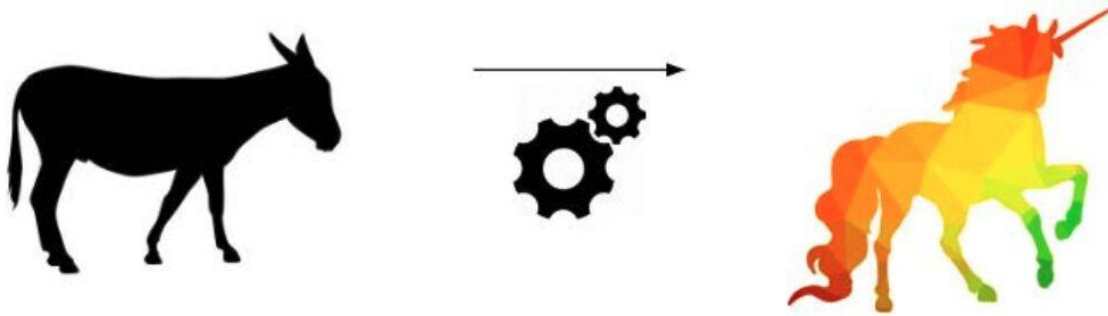


## #angular : Manipulating Data with pipes



It is a feature in Angular that allows us to transform the outcome of our expressions on a view level.

To better understand it, think of it like transforming a donkey into a unicorn.

The donkey may look like a unicorn, but it is always a donkey. That is, the transformation is applied only on a view level; the underlying data remains intact in its original form.

syntax: Pretty simply use this symbol “ | ”, it's a pipe symbol.

e.g. `<p> {{ username | uppercase }} </p>`

chaining of pipes: pipes are applied from left to right

e.g. `{{ today | date: 'fullDate' | uppercase }}`

usage: Usually used with templates and can be chained with each other.

Built-In Pipes:

- \* uppercase/lowercase pipes
- \* percent pipe
- \* currency pipe
- \* slice pipe
- \* date pipe
- \* json pipe
- \* async pipe


Bonus 😊

-> async pipe is a special-purpose pipe.

-> It is used when we manage data that is handled asynchronously by our component class, and we need to ensure that our views promptly reflect the changes.

Moving one step further...

Yes, we can also create custom pipes.

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