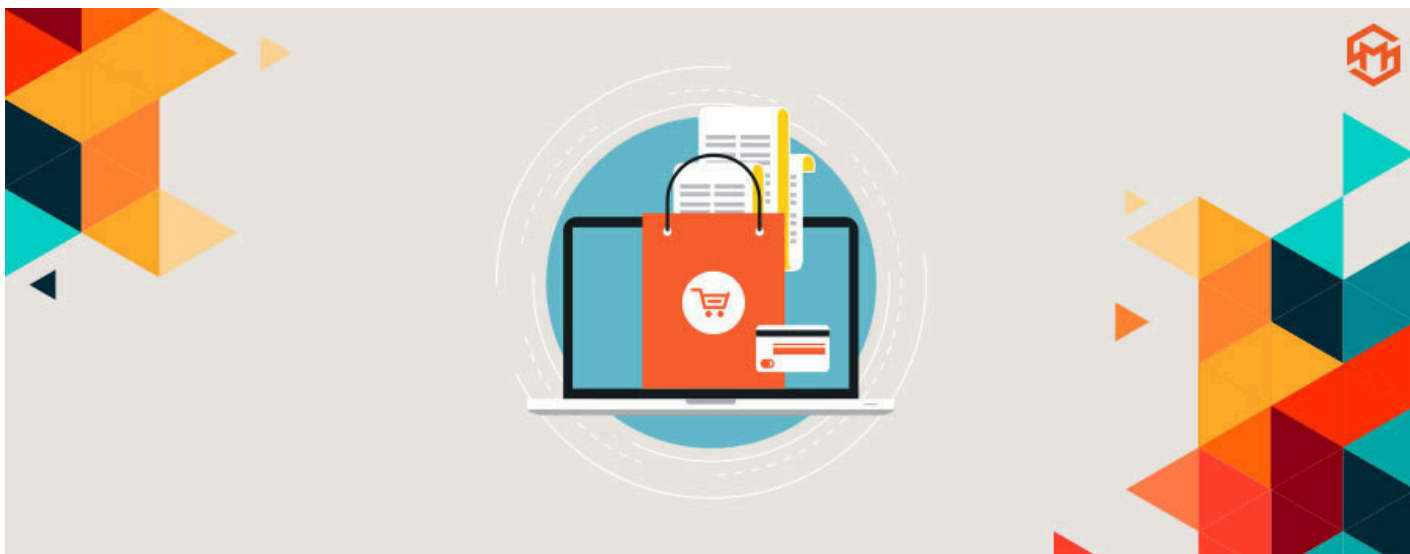# Get Order Collection By Order Id In Magento 2?

Are you a newbie to Magento 2 or an eCommerce website developer? Then this coding tutorial will sound helpful for you. This post will teach you the way to get order data from the order id in Magento 2.

Just imagine you are running an online store on Magento 2 that will offer buyers with perks or discounts based on their order amount, offering other incentives attached to particular products or so. How will you decide that the discount should be given or not?

To check if a particular order qualifies for perks or not, order data is needed that can be retrieved from Magento 2 programmatically.

A **Magento 2 developer** who is distressed due to his client requirements will completely agree with me on this.
Before getting started, let's familiarize with some basic terms in the order process:

Order Data - The information about the billing address, customer info, shipping, and other order info lives here.

Order Entity - This is generated after the checkout is successful from the frontend or can be done from the back panel by admin.

Order Repository Interface - The interface we will use to get order data. Do remember, not to use the order factory pattern for order details other than order repository.

Here is the code example that'll get order data using order id in Magento 2.

```php
public function __construct(
    \Magento\Sales\Api\OrderRepositoryInterface $orderRepository
){
    $this->orderRepository = $orderRepository;
}


/**
 *@param int $id The order ID.
 */
public function getOrderData($id)
{
  try {
    $order = $this->orderRepository->get($id);
  } catch (NoSuchEntityException $e) {
    throw new \Magento\Framework\Exception\LocalizedException(__('This order no longer exists.'));
  }
  return $order;
}
```

Function calling in template file as in the code below.

```php
$orderData = $this->getOrderData($data['order_id']);
foreach($orderData as $order) {
 echo "<pre>";print_r($order->debug());
}
```

Finally, the output will be an order data for specific order id. Order data can be fetched as per your requirement.

Summary

The post has enough to get your hands on Magento 2 and how to fetch order information using order id in it programmatically.

We'll be glad to hear from you on how to use the above codes in your e-commerce project.

If you find this tutorial helpful or have any doubts regarding then comment here. We'll help you with the solution.