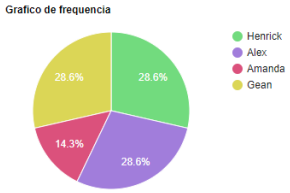
Exemplo com Gráfico



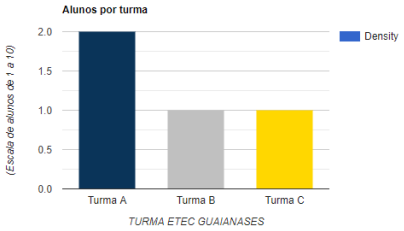


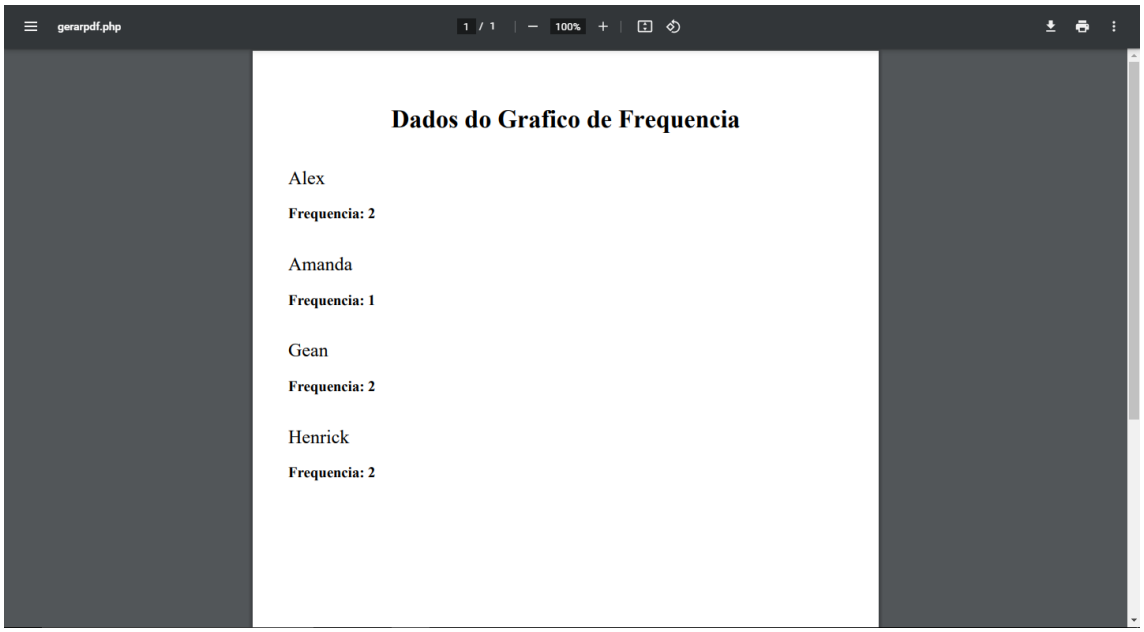
Grafico de Frequencia

Gerar PDF

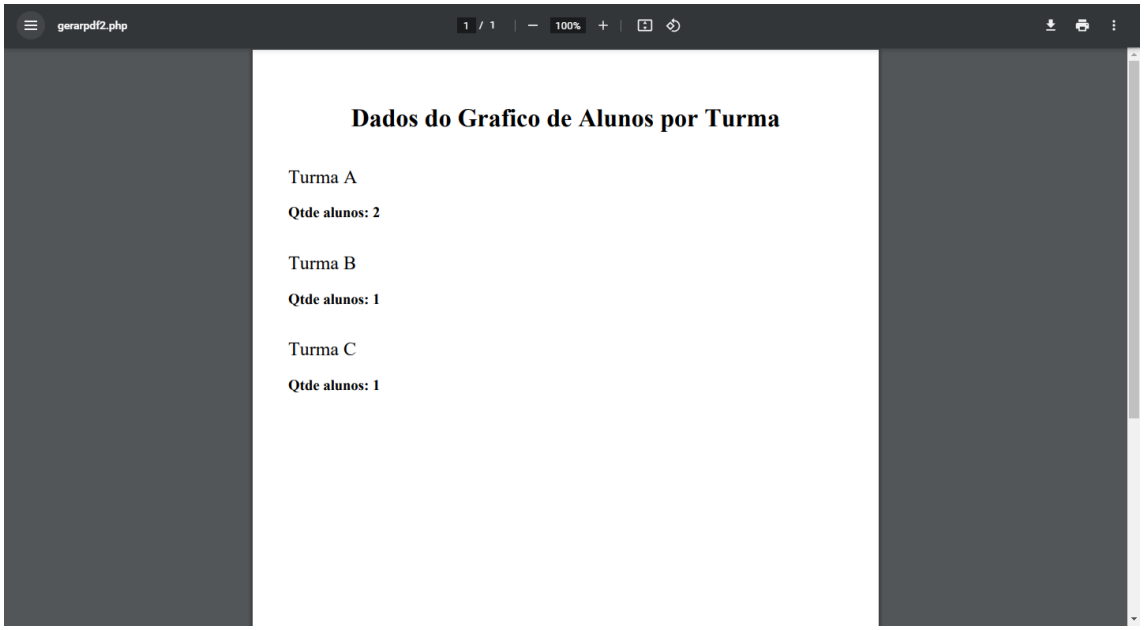
Grafico de Alunos por Turma

Gerar PDF

PDF de Frequência



PDF de Alunos por Turma



index.php

```
<html>
  <head>
    <!--Load the AJAX API-->
    <script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>
  </head>
  <body>

  <?php require_once 'global.php' ?>

<?php
    try {
        $cliente = new Cliente();
        $listacliente = $cliente->listar();
        $listacliente2 = $cliente->listar2();

    } catch(Exception $e) {
        echo '<pre>';
            print_r($e);
        echo '</pre>';
        echo $e->getMessage();
    }
?>
```

```
    <?php
        $Henrick = $listacliente[0];
        $Alex = $listacliente[1];
        $Amanda = $listacliente[2];
        $Gean = $listacliente[3];
    ?>

    <section style="width:81%;margin: 0 auto; display:table;">
        <div>
            <h1 style="text-align:center;font-size:2.5em; margin-
top:30px;"> Exemplo com Gráfico </h1>
        </div>

        <!--Div that will hold the pie chart-->
        <div style="float:left;">
            <div id="chart_div"></div>
        </div>

        <div style="float:left;">
            <div id="chart_div2"></div>
        </div>
    </section>

    <form action="gerarpdf.php">
        <h2>Grafico de Frequencia</h2>
        <input type="submit" value="Gerar PDF">
    </form>

    <form action="gerarpdf2.php">
        <h2>Grafico de Alunos por Turma</h2>
        <input type="submit" value="Gerar PDF">
    </form>
  </body>
</html>

<script type="text/javascript">

  // Gráfico de Pizza

  // Load the Visualization API and the corechart package.
  google.charts.load('current', {'packages':['corechart']});

  // Set a callback to run when the Google Visualization API is loaded.
  google.charts.setOnLoadCallback(drawChart);

  // Callback that creates and populates a data table,
  // instantiates the pie chart, passes in the data and
  // draws it.
  function drawChart() {
```

```
    // Create the data table.
    var data = new google.visualization.DataTable();
    data.addColumn('string', 'Topping');
    data.addColumn('number', 'Slices');
    data.addRows([
      ['Henrick', <?php echo $Henrick; ?>],
      ['Alex', <?php echo $Alex; ?>],
      ['Amanda', <?php echo $Amanda; ?>],
      ['Gean', <?php echo $Gean; ?>],

    ]);

    // Set chart options
    var options = {'title':'Grafico de frequencia',
                   'width':600,
                   'height':300,
                   slices: {
                        0: { color: '#72DB7E' },
                        1: { color: '#A17DDB' },
                        2: { color: '#DB517C' },
                        3: { color: '#DBD656' }
                      }
                };

    // Instantiate and draw our chart, passing in some options.
    var chart = new google.visualization.PieChart(document.getElementById
('chart_div'));
    chart.draw(data, options);
  }

  //gráfico de colunas

  <?php
        $TurmaA = $listacliente2[0];
        $TurmaB = $listacliente2[1];
        $TurmaC = $listacliente2[2];
    ?>

    google.charts.load('current', {packages: ['corechart', 'bar']});
    google.charts.setOnLoadCallback(drawAnnotations);

    function drawAnnotations() {
         var data = google.visualization.arrayToDataTable([
         ['Element', 'Density', { role: 'style' }],
         ['Turma A', <?php echo $TurmaA; ?>, '#0A3459'],            // RG
B value
         ['Turma B', <?php echo $TurmaB; ?>, 'silver'],             // Eng
lish color name
```

```
        ['Turma C', <?php echo $TurmaC; ?>, 'gold'],
    ]);

      var options = {
        title: 'Alunos por turma',
        'width':500,
        'height':300,
        annotations: {
          alwaysOutside: true,
          textStyle: {
            fontSize: 14,
            color: '#000',
            auraColor: 'none'
          }
        },
        hAxis: {
          title: 'TURMA ETEC GUAIANASES',
          format: 'h:mm a',
          viewWindow: {
            min: [7, 30, 0],
            max: [17, 30, 0]
          }
        },
        vAxis: {
          title: '(Escala de alunos de 1 a 10)'
        }
      };

      var chart = new google.visualization.ColumnChart(document.getElemen
tById('chart_div2'));
      chart.draw(data, options);
    }
</script>
```

Cliente.php

```
<?php

$array = Array();

class Cliente{
    public function listar(){
        $conexao = Conexao::pegarConexao();
        $querySelect = "
                        select COUNT(idFrequencia) 'frequencia' from tbre
sultado
```

```
                        INNER JOIN tbAluno
                        ON tbresultado.idAluno = tbAluno.idAluno
                        GROUP BY nomeAluno
                        ORDER BY nomeAluno desc
                        ";
        $resultado = $conexao->query($querySelect);

        $i = 0;
        while($lista=$resultado->fetch($conexao::FETCH_ASSOC)){

            $array[$i]= $lista['frequencia'];
            $i++;
        }
        return $array;
    }


    public function listar2(){
        $conexao = Conexao::pegarConexao();
        $querySelect = "
                        select nomeTurma, COUNT(tbaluno.idAluno) 'aluno'
from tbmatricula
                        INNER JOIN tbAluno
                        ON tbmatricula.idAluno = tbAluno.idAluno
                        INNER JOIN tbturma
                        ON tbmatricula.idTurma = tbturma.idTurma
                        GROUP BY nomeTurma
                        ";
        $resultado2 = $conexao->query($querySelect);

        $i = 0;
        while($lista2=$resultado2->fetch($conexao::FETCH_ASSOC)){

            $array2[$i]= $lista2['aluno'];
            $i++;
        }

        return $array2;
    }
}


?>
```

gerarpdf.php

```
<?php
```

```php
    $array = Array();
    $array2 = Array();


    require_once ("Conexao.php");
    $conexao = Conexao::pegarConexao();



    $querySelect = ("
        select COUNT(idFrequencia) 'frequencia', nomeAluno from tbresulta
do
        INNER JOIN tbAluno
        ON tbresultado.idAluno = tbAluno.idAluno
        GROUP BY nomeAluno
    ");
    $stmt = $conexao->query($querySelect);

    $stmt->execute();

    $i = 0;

    while($row = $stmt->fetch(PDO::FETCH_BOTH)){

        $array[$i]= $row['nomeAluno'];
        $array2[$i]= $row['frequencia'];

        $i++;
    }

    require_once("dompdf/autoload.inc.php");

    use Dompdf\Dompdf;

    $dompdf = new DOMPDF();

    $dompdf->load_html("
        <h1 style='text-
align:center;'>Dados do Grafico de Frequencia</h1>

        <div>
            <h2 style='font-weight: normal;'>$array[0]</h2>
            <h3>Frequencia: $array2[0] </h3>
        </div>

        <div>
            <h2 style='font-weight: normal;'>$array[1]</h2>
            <h3>Frequencia: $array2[1] </h3>
        </div>
```

```
        <div>
            <h2 style='font-weight: normal;'>$array[2]</h2>
            <h3>Frequencia: $array2[2] </h3>
        </div>

        <div>
            <h2 style='font-weight: normal;'>$array[3]</h2>
            <h3>Frequencia: $array2[3] </h3>
        </div>

    ");


    $dompdf->setPaper('A4', 'portrait');

    $dompdf->render();

    $dompdf->stream(
        "dados_graficos.pdf",
        array(
            "Attachment" => false
        )
    );

?>
```

gerarpdf2.php

```
<?php
    $array = Array();
    $array2 = Array();


    require_once ("Conexao.php");
    $conexao = Conexao::pegarConexao();




    $querySelect = ("
        select nomeTurma, COUNT(tbaluno.idAluno) 'aluno' from tbmatricula
        INNER JOIN tbAluno
        ON tbmatricula.idAluno = tbAluno.idAluno
        INNER JOIN tbturma
        ON tbmatricula.idTurma = tbturma.idTurma
        GROUP BY nomeTurma
```

```
    ");

    $stmt = $conexao->query($querySelect);

    $stmt->execute();

    $i = 0;

    while($row = $stmt->fetch(PDO::FETCH_BOTH)){

        $array[$i]= $row['nomeTurma'];
        $array2[$i]= $row['aluno'];

        $i++;
    }

    require_once("dompdf/autoload.inc.php");

    use Dompdf\Dompdf;

    $dompdf = new DOMPDF();

    $dompdf->load_html("
        <h1 style='text-
align:center;'>Dados do Grafico de Alunos por Turma</h1>


        <div>
            <h2 style='font-weight: normal;'>$array[0]</h2>
            <h3>Qtde alunos: $array2[0] </h3>
        </div>

        <div>
            <h2 style='font-weight: normal;'>$array[1]</h2>
            <h3>Qtde alunos: $array2[1] </h3>
        </div>

        <div>
            <h2 style='font-weight: normal;'>$array[2]</h2>
            <h3>Qtde alunos: $array2[2] </h3>
        </div>
    ");


    $dompdf->setPaper('A4', 'portrait');

    $dompdf->render();

    $dompdf->stream(
```

```
        "dados_graficos.pdf",
        array(
            "Attachment" => false
        )
    );

?>
```

Conexao.php

```
<?php

class Conexao
{
    public static function pegarConexao()
    {

        $conexao = new PDO("mysql:host=localhost;
                            dbname=bdmencao",
                            "root",
                            "");


        $conexao-
>setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $conexao->exec("SET CHARACTER SET utf8");

        return $conexao;
    }
}
```

global.php

```
<?php

spl_autoload_register('carregarClasse');

function carregarClasse($nomeClasse)
{
    if (file_exists($nomeClasse . '.php')) {
        require_once $nomeClasse . '.php';
    }
}
```