Project name: Project - Developing a Flight Delay Prediction Model using Machine Learning

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**HTML CODING**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- The above 3 meta tags \*must\* come first in the head; any other head content must come \*after\* these tags -->

<title>Flight Delay Prediction</title>

<!-- Google font -->

<link href="https://fonts.googleapis.com/css?family=Lato:400,700" rel="stylesheet">

<!-- Bootstrap -->

<linktype="text/css"rel="stylesheet"href="{{url\_for('static',filename='css/bootstrap.min.css') }}" />

<!-- Custom stlylesheet -->

<link type="text/css" rel="stylesheet" href="{{ url\_for('static', filename='css/style.css') }}" />

<style>

#booking

{

font-family: 'Lato', sans-serif;

background: url(../static/background.jpg);

background-size: cover;

background-position: center;

color: #191a1e;

}

</style>

<!--<img src="{{url\_for('static', filename='background.png')}}" />-->

<!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->

<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

<!--[if lt IE 9]>

<script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>

<script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>

<![endif]-->

</head>

<body>

<div id="booking" class="section">

<div class="section-center">

<div class="container">

<div class="row">

<div class="col-md-4">

<div class="booking-cta">

<h1>Flight Delay Prediction</h1>

<p></p>

<div class="container">

<!-- {{ prediction\_text }} -->

{% if prediction\_text == 0 %}

<h2>The flight is not delayed</h2>

{% elif prediction\_text == 1 %}

<h2>The flight is delayed</h2>

{% endif %}

</div>

</div>

</div>

<div class="col-md-7 col-md-offset-1">

<div class="booking-form">

<form action={{ url\_for("predict") }} method="post">

<div class="row">

<div class="col-md-4">

<div class="form-group">

<span class="form-label">Year</span>

<input type="text" class="form-control" name="year" placeholder="Enter year" required="true">

<span class="select-arrow"></span>

</div>

</div>

<!Year>

<div class="col-md-4">

<div class="form-group">

<span class="form-label">Month</span>

<input type="text" class="form-control" name="month" placeholder="Enter month" required="true">

<span class="select-arrow"></span>

</div>

</div>

<!Month>

<div class="col-md-4">

<div class="form-group">

<span class="form-label">Date</span>

<input type="text" class="form-control" name="day" placeholder="Enter date" required="true">

<span class="select-arrow"></span>

</div>

</div>

<! Date>

</div>

<!--Year,Month,Date end-->

<div class="row">

<div class="col-md-6">

<div class="form-group">

<span class="form-label">Select an Airline</span>

<!-- <input class="form-control" type="date" required> -->

<select class="form-control" name="carrier">

<option value="UA">United Air Lines Inc.(UA)</option>

<option value="AA">American Airlines Inc.(AA)</option>

<option value="US">US Airways Inc.(US)</option>

<option value="F9">Frontier Airlines Inc.(F9)</option>

<option value="B6">JetBlue Airways(B6)</option>

<option value="OO">Skywest Airlines Inc.(OO)</option>

<option value="AS">Alaska Airlines Inc.(AS)</option>

<option value="WN">Southwest Airlines Co.(WN)</option>

<option value="DL">Delta Air Lines Inc.(DL)</option>

<option value="EV">Atlantic Southeast Airlines(EV)</option>

<option value="HA">Hawaiian Airlines Inc.(HA)</option>

<option value="MQ">American Eagle Airlines Inc.(MQ)</option>

<option value="VX">Virgin America(VX)</option>

<option value="9E">Endeavor Air(9E)</option>

<option value="FL">AirTran Airways(FL)</option>

<option value="YV">Mesa Airlines(YV)</option>

</select>

</div>

</div>

<!Airline>

</div>

<!--Airline end-->

<div class="row">

<div class="col-md-6">

<div class="form-group">

<span class="form-label">Flying from</span>

<!--<input class="form-control" type="text" placeholder="City or airport">-->

<select class="form-control" name="origin">

<option value="EWR">Newark Liberty International Airport(EWR)</option>

<option value="JFK">John F. Kennedy International Airport(New York International Airport)(JFK)</option>

<option value="LGA">LaGuardia Airport(Marine Air Terminal)(LGA)</option>

</select>

</div>

</div>

<!Flying from>

<div class="col-md-6">

<div class="form-group">

<span class="form-label">Flying to</span>

<!-- <input class="form-control" type="text" placeholder="City or airport"> -->

<select class="form-control" name="dest">

<option value="ATL">Hartsfield-Jackson Atlanta InternationalAirport(ATL)</option>

<option value="ORD">Chicago O'Hare International Airport(ORD)</option>

<option value="LAX">Los Angeles International Airport(LAX)</option>

<option value="BOS">Gen. Edward Lawrence Logan International Airport(BOS)</option>

<option value="MCO">Orlando International Airport(MCO)</option>

<option value="CLT">Charlotte Douglas International Airport(CLT)</option>

<option value="SFO">San Francisco International Airport(SFO)</option>

<option value="FLL">Fort Lauderdale-Hollywood International Airport(FLL)</option>

<option value="MIA">Miami International Airport(MIA)</option>

<option value="DCA">Ronald Reagan Washington National Airport(DCA)</option>

<option value="DTW">Detroit Metropolitan Airport(DTW)</option>

<option value="DFW">Dallas/Fort Worth International Airport(DFW)</option>

<option value="RDU">Raleigh-Durham International Airport(RDU)</option>

<option value="TPA">Tampa International Airport(TPA)</option>

<option value="DEN">Denver International Airport(DEN)</option>

<option value="IAH">George Bush Intercontinental Airport(IAH)</option>

<option value="MSP">Minneapolis-Saint Paul International Airport(MSP)</option>

<option value="PBI">Palm Beach International Airport(PBI)</option>

<option value="BNA">Nashville International Airport(BNA)</option>

<option value="LAS">McCarran International Airport(LAS)</option>

<option value="SJU">Luis MuÃ±oz MarÃ-n International Airport(SJU)</option>

<option value="IAD">Washington Dulles International Airport(IAD)</option>

<option value="PHX">Phoenix Sky Harbor International Airport(PHX)</option>

<option value="BUF">Buffalo Niagara International Airport(BUF)</option>

<option value="CLE">Cleveland Hopkins International Airport(CLE)</option>

<option value="STL">St. Louis International Airport at Lambert Field(STL)</option>

<option value="MDW">Chicago Midway International Airport(MDW)</option>

<option value="SEA">Seattle-Tacoma International Airport(SEA)</option>

<option value="CVG">Cincinnati/Northern Kentucky International Airport(CVG)</option>

<option value="MSY">Louis Armstrong New Orleans International Airport(MSY)</option>

<option value="RSW">Southwest Florida International Airport(RSW)</option>

<option value="CMH">Port Columbus International Airport(CMH)</option>

<option value="CHS">Charleston International Airport/Charleston AFB(CHS)</option>

<option value="PIT">Pittsburgh International Airport(PIT)</option>

<option value="SAN">San Diego International AirportÂ (Lindbergh Field)(SAN)</option>

<option value="MKE">General Mitchell International Airport(MKE)</option>

<option value="JAX">Jacksonville International Airport(JAX)</option>

<option value="BTV">Burlington International Airport(BTV)</option>

<option value="SLC">Salt Lake City International Airport(SLC)</option>

<option value="AUS">Austin-Bergstrom International Airport(AUS)</option>

<option value="ROC">Greater Rochester International Airport(ROC)</option>

<option value="RIC">Richmond International Airport(RIC)</option>

<option value="PWM">Portland International Jetport(PWM)</option>

<option value="HOU">William P. Hobby Airport(HOU)</option>

<option value="IND">Indianapolis International Airport(IND)</option>

<option value="MCI">Kansas City International Airport(MCI)</option>

<option value="SYR">Syracuse Hancock International Airport(SYR)</option>

<option value="BWI">Baltimore-Washington International Airport(BWI)</option>

<option value="MEM">Memphis International Airport(MEM)</option>

<option value="PHL">Philadelphia International Airport(PHL)</option>

<option value="GSO">Piedmont Triad International Airport(GSO)</option>

<option value="ORF">Norfolk International Airport(ORF)</option>

<option value="DAY">James M. Cox Dayton International Airport(DAY)</option>

<option value="PDX">Portland International Airport(PDX)</option>

<option value="SRQ">Sarasota-Bradenton International Airport(SRQ)</option>

<option value="SDF">Louisville International AirportÂ (Standiford Field)(SDF)</option>

<option value="XNA">Northwest Arkansas Regional Airport(XNA)</option>

<option value="MHT">Manchester-Boston Regional Airport(MHT)</option>

<option value="BQN">Rafael HernÃ¡ndez Airport(BQN)</option>

<option value="CAK">Akron-Canton Regional Airport(CAK)</option>

<option value="OMA">Eppley Airfield(OMA)</option>

<option value="SNA">John Wayne AirportÂ (Orange County Airport)(SNA)</option>

<option value="GSP">Greenville-Spartanburg International Airport(GSP)</option>

<option value="SAV">Savannah/Hilton Head International Airport(SAV)</option>

<option value="GRR">Gerald R. Ford International Airport(GRR)</option>

<option value="HNL">Honolulu International Airport(HNL)</option>

<option value="LGB">Long Beach AirportÂ (Daugherty Field)(LGB)</option>

<option value="SAT">San Antonio International Airport(SAT)</option>

<option value="TYS">McGhee Tyson Airport(TYS)</option>

<option value="MSN">Dane County Regional Airport(MSN)</option>

<option value="DSM">Des Moines International Airport(DSM)</option>

<option value="STT">Cyril E. King Airport(STT)</option>

<option value="ALB">Albany International Airport(ALB)</option>

<option value="BDL">Bradley International Airport(BDL)</option>

<option value="BUR">Bob Hope AirportÂ (Hollywood Burbank Airport)(BUR)</option>

<option value="PVD">Theodore Francis Green State Airport(PVD)</option>

<option value="BGR">Bangor International Airport(BGR)</option>

<option value="PSE">Mercedita Airport(PSE)</option>

<option value="SJC">Norman Y. Mineta San JosÃ© International Airport(SJC)</option>

<option value="OKC">Will Rogers World Airport(OKC)</option>

<option value="AOK">Oakland International Airport(OAK)</option>

<option value="TUL">Tulsa International Airport(TUL)</option>

<option value="SMF">Sacramento International Airport(SMF)</option>

<option value="BMH">Birmingham-Shuttlesworth International Airport(BHM)</option>

<option value="ACK">Nantucket Memorial Airport(ACK)</option>

<option value="AVL">Asheville Regional Airport(AVL)</option>

<option value="ABQ">Albuquerque International Sunport(ABQ)</option>

<option value="MVY">Martha's Vineyard Airport(MVY)</option>

<option value="EGE">Eagle County Regional Airport(EGE)</option>

<option value="CRW">Yeager Airport(CRW)</option>

<option value="ILM">Wilmington International Airport(ILM)</option>

<option value="CAE">Columbia Metropolitan Airport(CAE)</option>

<option value="TVC">Cherry Capital Airport(TVC)</option>

<option value="MYR">Myrtle Beach International Airport(MYR)</option>

<option value="CHO">Charlottesville-Albemarle Airport(CHO)</option>

<option value="BZN">Bozeman Yellowstone International AirportÂ (Gallatin Field Airport)(BZN)</option>

<option value="JAC">Jackson Hole Airport(JAC)</option>

<option value="PSP">Palm Springs International Airport(PSP)</option>

<option value="EYW">Key West International Airport(EYW)</option>

<option value="HDN">Yampa Valley AirportÂ (Yampa Valley Regional)(HDN)</option>

<option value="MTJ">Montrose Regional Airport(MTJ)</option>

<option value="SBN">South Bend International AirportÂ (South Bend Regional)(SBN)</option>

<option value="ANC">Ted Stevens Anchorage International Airport(ANC)</option>

<option value="LEX">Blue Grass Airport(LEX)</option>

</select>

</div>

</div>

<!Flying to>

</div>

<!--Flying to,from end-->

<div class="form-btn">

<button class="submit-btn">Predict</button>

</div>

<!Button>

</form>

<!--Form end-->

</div>

<!Booking form>

</div>

</div>

</div>

</div>

</div>

</body>

</html>