```
# Databricks notebook source
import pyspark
from pyspark.sql import SparkSession


spark =
SparkSession.builder.appName('SparkByExamples.com').getOrCreate()
data = [("111",50000),("222",60000),("333",40000)]
columns= ["EmpId","Salary"]
df = spark.createDataFrame(data = data, schema = columns)
df.printSchema()
df.show(truncate=False)

from pyspark.sql.functions import col,lit
df2 =
df.select(col("EmpId"),col("Salary"),lit("1").alias("lit_value1"))
df2.show(truncate=False)


from pyspark.sql.functions import when
df3 = df2.withColumn("lit_value2", when(col("Salary") >=40000 &
col("Salary") <= 50000,lit("100")).otherwise(lit("200")))
df3.show(truncate=False)

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```