

BAB VI

KESIMPULAN DAN SARAN

6.1 Kesimpulan

Berdasarkan pembahasan pada bab sebelumnya, dapat ditarik kesimpulan dari Pengenalan Pola Tekstur Batik Menggunakan Algoritma K-Means Clustering dan Naïve Bayes Classifier:

1. Penulis dapat melakukan klasifikasi tekstur batik menggunakan metode *K-Means Clustering dan Naïve Bayes Classifier* untuk mengenali pola tekstur batik Yogya dan Solo.
2. Berdasarkan data pelatihan persentase akurasi klasifikasi tekstur batik menggunakan metode *K-Means Clustering dan Naïve Bayes Classifier* adalah sebesar 100%.
3. Berdasarkan data pengujian jika noise pada gambar relative kecil maka metode tersebut masih dapat mengenali gambar dengan persentase 100%. Semakin besar nilai noise yang diberikan maka nilai persentasenya semakin turun.

6.2 Saran

Beberapa saran yang dapat diberikan dari proses analisa sampai pada penelitian ini adalah sebagai berikut:

1. Penggantian metode ekstraksi ciri sehingga pada saat pengklusteran dan pengklasifikasian diperoleh nilai akurasi yang lebih tinggi.
2. Penggantian obyek tekstur yang diteliti

6.3 Penutup

Tiada gading tak retak, begitu pula tugas akhir yang berjudul “Klasifikasi Tekstur Batik Menggunakan Metode *K-Means Clustering* dan *Naïve Bayes Classifier*” yang dikerjakan penulis, karena banyak hal masih terasa kurang untuk diselesaikan dan dipelajari.

Demikian penulisan penelitian ini, terimakasih untuk semua pihak yang membantu dalam penulisan maupun pembuatan program hingga selesai. Tuhan memberkati.

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