4. CONCLUSION

In this paper, a system based on deep learning for classification of lesions in mammograms is presented by proposing a CNN model which achieves benign and malignant classification of mammograms. In summary, according to the good results obtained by our proposed CNN model, we can conclude that developing a system based deep learning from scratch can gives improvement as well as the systems which use the transfer learning technique.

Our future work includes using others features as inputs and others images databases.

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